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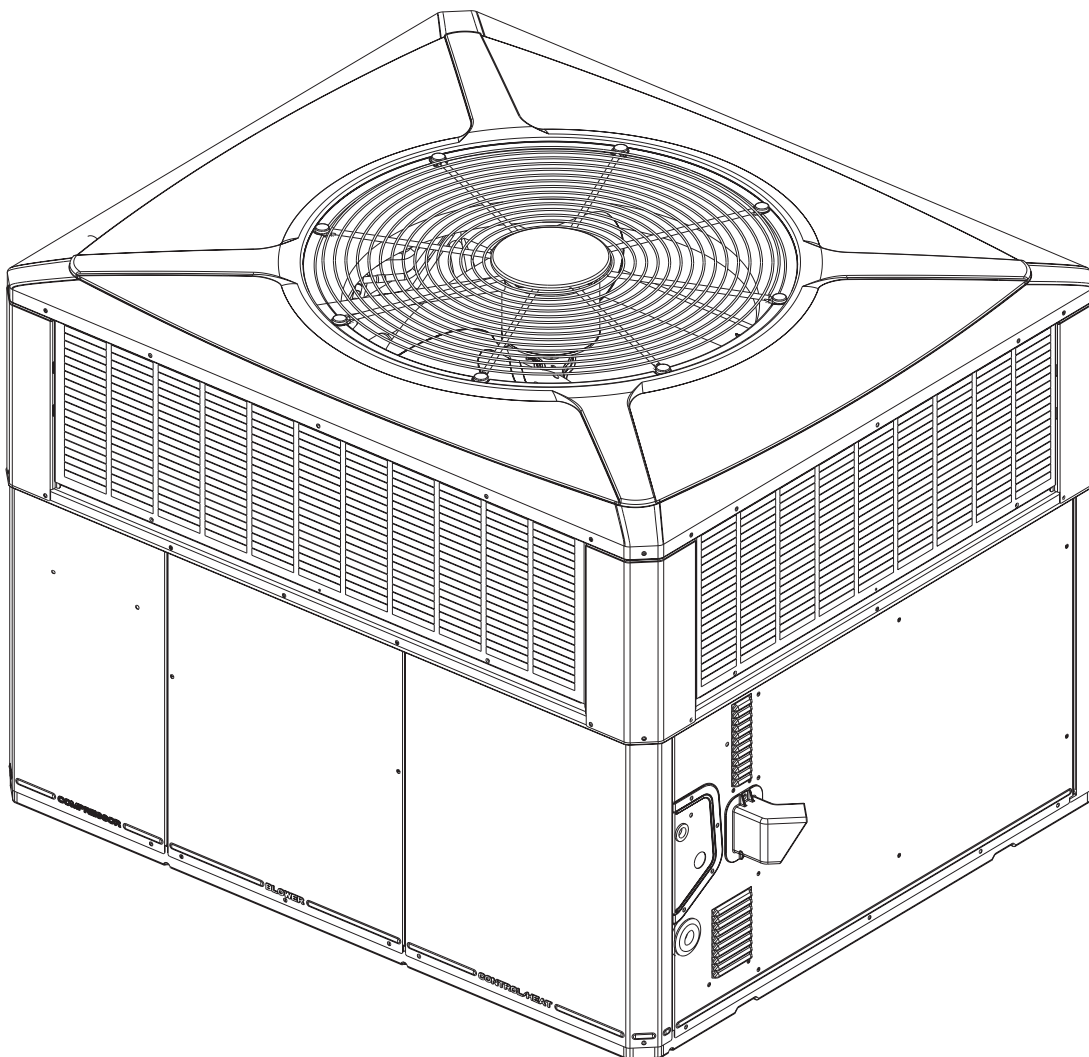
Product Data

2/4YCC3018A through 2/4YCC3060A

**Single Package Convertible Gas/Electric
13 SEER**

1½ - 5 Ton, 40 - 120 MBTU

R-22/R-410A



It's Hard to Stop a Trane.

Single Package Convertible Gas/Electric System

Trane offers a complete family of packaged gas/electric heating and cooling systems, designed to give you the unbeatable combination of energy efficiency and lower operating costs. In warm weather, the package gas/electric system functions as an all-electric, high efficiency air conditioner. In cold weather, it operates as a natural gas or propane gas furnace, offering you the best of both energy worlds.

Introducing the new TRANE Single Package Convertible Gas/Electric System.

Single Package Convertible Gas/Electric Systems are easy and versatile to install. Because cooling and heating functions are all contained in a single cabinet, a Trane single package convertible gas/electric system is easy to install and service. It can be flush mounted beside your home at ground level or placed on the roof for horizontal or downflow installation. When connected to an optional Trane thermostat control and air distribution ducts, you have a highly efficient, total home comfort system.

Single Package Convertible Gas/Electric Systems are unmatched in quality and reliability. All major components on these products, including the compressor, have been designed and manufactured for maximum service. Every Climatuff® compressor is designed and manufactured to exacting specifications. Each design is life tested in extreme environments to ensure reliable and long lasting operation in normal applications. Each compressor has internal motor protection for added reliability.

Single Package Convertible Gas/Electric Systems provide better performance. Our single package cooling/heating units offer cooling/heating efficiencies that are unmatched in the industry and provide you with a product far superior in performance than the competition.

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Optional Equipment Listing

OPTIONAL EQUIPMENT FOR PACKAGED UNITS (check mark [✓] indicates accessories included)

Roof Curb Full Perimeter (2/4YCC3018-36A) ③	BAYCURB050A[]
Roof Curb Full Perimeter (2/4YCC3042-60A) ③	BAYCURB051A[]
Roof Curb Utility Extension Kit (BAYCURB050A)	BAYUTIL101A[]
Roof Curb Utility Extension Kit (BAYCURB051A)	BAYUTIL102A[]
0-25% Manual Fresh Air Damper (2/4YCC3018-36A) ①	BAYOSAH001A[]
0-25% Manual Fresh Air Damper (2/4YCC3042-60A) ①	BAYOSAH002A[]
Motorized Fresh Air Damper (2/4YCC3018-36A) ①	BAYDMPR101A[]
Motorized Fresh Air Damper (2/4YCC3042-60A) ①	BAYDMPR102A[]
16" Round Duct Adapter (2 per box) (2/4YCC3018-36A) ⑥	BAYSQRD001A[]
18" Round Duct Adapter (2 per box) (2/4YCC3018-60A) ⑥	BAYSQRD002A[]
0-100% Mod Economizer w/Baro. Relief (2/4YCC3018-36A) ①②④	BAYECON101B[]
0-100% Mod. Economizer w/Baro. Relief (2/4YCC042-60A) ①②④	BAYECON102B[]
0-100% Horizontal Economizer (2/4YCC3018-36A) ①②	BAYECON200A[]
0-100% Horizontal Economizer (2/4YCC3042-60A) ①②	BAYECON201A[]
Enthalpy Control for Economizer (solid state)	BAYENTH001A[]
Remote Potentiometer (All-BAYECON***A)	BAYSTAT023[]
1"-2" Filter Frame (2/4YCC3018-36A) (20 x 20 filter not included) ①	BAYFLTR101A[]
1"-2" Filter Frame (2/4YCC3042-60A) (20 x 20,20X18 filter not included) ①	BAYFLTR201A[]
LP Conversion Kit (All 40K, 120K Models)	BAYLPKT100A[]
LP Conversion Kit (All 64K, 96K Models)	BAYLPKT101A[]
LP Conversion Kit (All 75K Models)	BAYLPKT102A[]
Evaporator Defrost Control (Low Ambient Cooling) Kit ⑤	BAYLOAM011A[]
Head Pressure Control (Low Ambient Cool) (208/240v) Kit ⑤	BAYLOAM105A[]
Quick Start Kit (2/4YCC3-A1)	BAYSKT301A[]
Crankcase Heater Recip (2YCC3024,30,42,48A1, 4YCC3018A1)(230v) ⑤	BAYCCHT003A[]
Crankcase Heater Scroll(2YCC3036A1, 4YCC3036,48,60A1/3)(230v) ⑤	BAYCCHT202A[]
Crankcase Heater (4YCC3036,48,60A4)(460v) ⑤	BAYCCHT203A[]
Adapter Curb *YC*3018-036A to BAYCURB030,38	BAYADAP050A[]
Adapter Curb *YC*3018-036A to BAYCURB033	BAYADAP051A[]
Adapter Curb *YC*3042-060A to BAYCURB030,38	BAYADAP052A[]
Adapter Curb *YC*3042-060A to BAYCURB033	BAYADAP053A[]
Adapter Curb *YC*3042-060A to BAYCURB034	BAYADAP054A[]
12" Duct Shroud Covers Horizontal *YCC3018-060A ⑦	BAYCOVR112A[]
18" Duct Shroud Covers Horizontal *YCC3018-060A ⑦	BAYCOVR118A[]
Extreme Condition Mounting Kit - All BAYCURB & BAYADAP	BAYEXMK001A[]
Extreme Condition Mounting Kit - All BAYUTIL	BAYEXMK002A[]
Extreme Condition Mounting Kit - All Slab Mounts	BAYEXMK003A[]
Lifting Lug Kit	BAYLIFT002B[]

- NOTES: ① Must use filter frame when economizer/fresh air kit is used.
 ② Dry bulb control standard with economizer.
 ③ Ships knocked down.
 ④ Downflow only.
 ⑤ Low Ambient cooling requires crankcase heater (BAYCCHT---A).
 ⑥ It is the responsibility of the installing dealer to properly size the ductwork for each specific application.
 ⑦ BAYCOVR112,118A will not cover BAYSQRD002A applications

General Data

MODEL	4YCC3018A1040A	2YCC3024A1040A	2YCC3024A1064A	2YCC3030A1040A	2YCC3030A1064A
RATED Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
RATINGS (COOL) ① BTUH	18000	23000	23000	28000	28000
Indoor Airflow (CFM)	675	725	725	1025	1025
Power Input (KW)	1.685	2.162	2.162	2.6	2.6
EER/SEER (BTU/Watt-Hr.)	11 / 13	11.0 / 13	11.0 / 13	11 / 13	11 / 13
Sound Rating ①	74	74	74	74	74
RATINGS (HEAT) ②					
Input BTUH (Natural Gas)③	40000	40000	64000	40000	64000
Temp. Rise — Min/Max °F	35-65	25-55	35-65	25-55	30-60
Orifice Qty / Drill size(Natural Gas)	1 / #32	1 / #32	2 / #37	1 / #32	2 / #37
POWER CONN.—V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Min. Brch. Cir. Ampacity	10.1	13.3	13.3	16.3	16.3
Fuse Size/Amps	15/15	20/20	20/20	25/25	25/25
COMPRESSOR					
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
R.L. Amps/L.R. Amps	6.4/38.6	8.97/59.5	8.97/59.5	10.5/65.2	10.5/65.2
OUTDOOR COIL—TYPE	SPINE FIN	SPINE FIN	SPINE FIN	SPINE FIN	SPINE FIN
Rows/F.P.I.	2 / 24	2 / 24	2 / 24	2 / 24	2 / 24
Face Area (sq.ft.)	10.06	10.06	10.06	10.06	10.06
Tube Size (in.)	3/8	3/8	3/8	3/8	3/8
INDOOR COIL—TYPE	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN
Rows/F.P.I.	3 / 15	3 / 15	3 / 15	3 / 15	3 / 15
Face Area (sq.ft.)	3.54	3.54	3.54	3.54	3.54
Tube Size (in.)	3/8	3/8	3/8	3/8	3/8
Refrigerant Control	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE
Drain Conn. Size (in.)	3/4" FEMALE NPT	3/4" FEMALE NPT	3/4" FEMALE NPT	3/4" FEMALE NPT	3/4" FEMALE NPT
OUTDOOR FAN — TYPE	PROPELLER	PROPELLER	PROPELLER	PROPELLER	PROPELLER
Dia. (in.)	23.0	23.0	23.0	23.0	23.0
Drive / No. Speeds	DIRECT / 1	DIRECT / 1	DIRECT / 1	DIRECT / 1	DIRECT / 1
Motor—HP / R.P.M.	1/12 / 810	1/2 / 810	1/2 / 810	1/12 / 810	1/12 / 810
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
F.L. Amps/L.R. Amps	0.54 - 0.95	0.54 - 0.95	0.54 - 0.95	0.54 - 0.95	0.54 - 0.95
INDOOR FAN—TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Dia x Width (in.)	11 X 10	11 X 10	11 X 10	10 X 10	10 X 10
Drive/No. Speeds	DIRECT / 2	DIRECT / 2	DIRECT / 2	DIRECT / 2	DIRECT / 2
Motor—HP / R.P.M.	1/8 / 825	1/4 / 825	1/4 / 825	1/2 / 1030	1/2 / 1030
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
F.L. Amps/L.R. Amps	1/1.63	1.3/2.85	1.3/2.85	2.1/3.28	2.1/3.28
COMBUSTION FAN—TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Drive/No. Speeds	DIRECT/1	DIRECT/1	DIRECT/1	DIRECT/1	DIRECT/1
Motor HP — RPM	1/35 - 3480	1/35 - 3480	1/35 - 3480	1/35 - 3480	1/35 - 3480
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
FLA	0.53	0.53	0.53	0.53	0.53
FILTER / FURNISHED?	NO	NO	NO	NO	NO
Type Recommended	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY
Min. Face Area-low(sq.ft.)⑥	2.0	2.7	2.7	3.3	3.3
REFRIGERANT	(R-410A)	(R-22)	(R-22)	(R-22)	(R-22)
Charge (lbs) ④	5.94	4.5	4.5	5.5	5.5
GAS PIPE SIZE	1/2"	1/2"	1/2"	1/2"	1/2"
DIMENSIONS	H X W X D	H X W X D	H X W X D	H X W X D	H X W X D
Crated (in.)	45.86 X 44.5 X 52.03	45.86 X 44.5 X 52.03	45.86 X 44.5 X 52.03	45.86 X 44.5 X 52.03	45.86 X 44.5 X 52.03
WEIGHT					
Shipping (lbs.)/Net (lbs.)	471/375	470/374	481/385	470/374	481/385

① Rated in accordance with A.R.I. Standard 210/240. Noise tested in accordance with A.R.I. Standard 270. A.R.I. standard rating conditions are: 80 D.B. 67 W.B. entering air to indoor coil. 95 D.B. entering air to outdoor coil.

② All models are UL Listed. Ratings shown are for elevations up to 2000 ft. For higher elevations reduce ratings at a rate of 4% per 1000 ft. elevation.

③ Convertible to LPG.

④ This value is approximate. For more precise value, see Unit Nameplate.

⑤ Based on U.S. Government Standard Tests.

⑥ Filters must be installed in return air stream. Square footages listed are based on 300 f.p.m. face velocity. If permanent filters are used size per manufacturer's recommendation with a clean resistance of 0.05" W.C.

General Data

MODEL	2YCC3030A1075A	2YCC3036A1064A	2YCC3036A1075A	2YCC3036A1096A	4YCC3036A1064A
RATED Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
RATINGS (COOL) ① BTUH	28000	35000	35000	35200	35000
Indoor Airflow (CFM)	1025	1250	1250	1250	1200
Power Input (KW)	2.6	3.153	3.153	3.153	3.284
EER/SEER (BTU/Watt-Hr.)	11 / 13	11/13	11/13	11/13	11/13
Sound Rating ①	74	76	76	76	75
RATINGS (HEAT) ②					
Input BTUH (Natural Gas)③	75000	64000	75000	96000	64000
Temp. Rise — Min/Max °F	35-65	25/55	30/60	40/70	25/55
Orifice Qty / Drill size(Natural Gas)	2 / #33	2/#37	2/#33	3/#37	2/#37
POWER CONN.—V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Min. Brch. Cir. Ampacity	16.3	23.0	23.0	23.0	23.6
Fuse Size/Amps	25/25	35/35	35/35	35/35	35/35
COMPRESSOR					
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
R.L. Amps/L.R. Amps	10.5/65.2	14.7/83	14.7/83	14.7/83	15.4/82
OUTDOOR COIL—TYPE	SPINE FIN	SPINE FIN	SPINE FIN	SPINE FIN	SPINE FIN
Rows/F.P.I.	2 / 24	2/24	2/24	2/24	2/24
Face Area (sq.ft.)	10.06	10.06	10.06	10.06	10.06
Tube Size (in.)	3/8	3/8	3/8	3/8	3/8
INDOOR COIL—TYPE	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN
Rows/F.P.I.	3 / 15	3/15	3/15	3/15	4/15
Face Area (sq.ft.)	3.54	3.54	3.54	3.54	3.54
Tube Size (in.)	3/8	3/8	3/8	3/8	3/8
Refrigerant Control	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE
Drain Conn. Size (in.)	3/4" FEMALE NPT	3/4 FEMALE NPT	3/4 FEMALE NPT	3/4 FEMALE NPT	3/4 FEMALE NPT
OUTDOOR FAN — TYPE	PROPELLER	PROPELLER	PROPELLER	PROPELLER	PROPELLER
Dia. (in.)	23	23	23	23	23
Drive / No. Speeds	DIRECT / 1	DIRECT/1	DIRECT/1	DIRECT/1	DIRECT/1
Motor—HP / R.P.M.	1/12 / 810	1/5/830	1/5/830	1/5/830	1/5/830
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
F.L. Amps/L.R. Amps	0.54 - 0.95	1.1/1.9	1.1/1.9	1.1/1.9	1.1/1.9
INDOOR FAN—TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Dia x Width (in.)	10 X 10	10/10	10/10	10/10	10/10
Drive/ No. Speeds	DIRECT / 2	DIRECT/2	DIRECT/2	DIRECT/2	DIRECT/2
Motor—HP / R.P.M.	1/2 / 1030	1/2/1075	1/2/1075	1/2/1075	1/2/1075
Volts/Ph/Hz	200-230/1/60	200-230/1/60	200-230/1/60	200-230/1/60	200-230/1/60
F.L. Amps/L.R. Amps	2.1/3.28	2.98/6.7	2.98/6.7	2.98/6.7	2.98/6.7
COMBUSTION FAN—TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Drive/No. Speeds	DIRECT/1	DIRECT/1	DIRECT/1	DIRECT/1	DIRECT/1
Motor HP — RPM	1/35 - 3480	1/35/3480	1/35/3480	1/35/3480	1/35/3480
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
FLA	0.53	0.53	0.53	0.53	0.53
FILTER / FURNISHED?	NO	NO	NO	NO	NO
Type Recommended	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY
Min. Face Area-low(sq.ft.)⑥	3.3	4.0	4.0	4.0	4.0
REFRIGERANT	(R-22)	(R-22)	(R-22)	(R-22)	(R-410A)
Charge (lbs) ④	5.5	5.12	5.12	5.12	7.75
GAS PIPE SIZE	1/2"	1/2"	1/2"	1/2"	1/2"
DIMENSIONS	H X W X D	H X W X D	H X W X D	H X W X D	H X W X D
Crated (in.)	45.86 X 44.5 X 52.03	45.86X44.5X52.03	45.86X44.5X52.03	45.86X44.5X52.03	45.86X44.5X52.03
WEIGHT					
Shipping (lbs.)/Net (lbs.)	481/ 385	479/383	479/383	485/389	488/392

① Rated in accordance with A.R.I. Standard 210/240. Noise tested in accordance with A.R.I. Standard 270. A.R.I. standard rating conditions are: 80 D.B. 67 W.B. entering air to indoor coil. 95 D.B. entering air to outdoor coil.

② All models are UL Listed. Ratings shown are for elevations up to 2000 ft. For higher elevations reduce ratings at a rate of 4% per 1000 ft. elevation.

③ Convertible to LPG.

④ This value is approximate. For more precise value, see Unit Nameplate.

⑤ Based on U.S. Government Standard Tests.

⑥ Filters must be installed in return air stream. Square footages listed are based on 300 f.p.m. face velocity. If permanent filters are used size per manufacturer's recommendation with a clean resistance of 0.05" W.C.

General Data

MODEL	4YCC3036A1075A	4YCC3036A1096A	4YCC3036A3064A	4YCC3036A3075A	4YCC3036A3096A
RATED Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/3/60	208-230/3/60	208-230/3/60
RATINGS (COOL) ① BTUH	35000	35000	35000	35000	35000
Indoor Airflow (CFM)	1200	1200	1200	1200	1200
Power Input (KW)	3.284	3.284	3.284	3.284	3.284
EER/SEER (BTU/Watt-Hr.)	11/13	11/13	11 / 13	11 / 13	11 / 13
Sound Rating ①	75	75	75	75	75
RATINGS (HEAT) ②					
Input BTUH (Natural Gas)③	75000	96000	64000	75000	96000
Temp. Rise — Min/Max °F	30/60	40/70	25/55	30/60	40/70
Orifice Qty / Drill size(Natural Gas)	2/#33	3/#37	2 / #37	2 / #33	3 / #37
POWER CONN.—V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/3/60	208-230/3/60	208-230/3/60
Min. Brch. Cir. Ampacity	23.6	23.6	18.5	18.5	18.5
Fuse Size/Amps	35/35	35/35	30/30	30/30	30/30
COMPRESSOR					
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/3/60	208-230/3/60	208-230/3/60
R.L. Amps/L.R. Amps	15.4/82	15.4/82	11.5/77	11.5/77	11.5/77
OUTDOOR COIL—TYPE	SPINE FIN	SPINE FIN	SPINE FIN	SPINE FIN	SPINE FIN
Rows/F.P.I.	2/24	2/24	2 / 24	2 / 24	2 / 24
Face Area (sq.ft.)	10.06	10.06	10.06	10.06	10.06
Tube Size (in.)	3/8	3/8	3/8	3/8	3/8
INDOOR COIL—TYPE	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN
Rows/F.P.I.	4/15	4/15	4 / 15	4 / 15	4 / 15
Face Area (sq.ft.)	3.54	3.54	3.54	3.54	3.54
Tube Size (in.)	3/8	3/8	3/8	3/8	3/8
Refrigerant Control	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE
Drain Conn. Size (in.)	3/4 FEMALE NPT	3/4 FEMALE NPT	3/4" FEMALE NPT	3/4" FEMALE NPT	3/4" FEMALE NPT
OUTDOOR FAN — TYPE					
Dia. (in.)	PROPELLER	PROPELLER	PROPELLER	PROPELLER	PROPELLER
Drive / No. Speeds	23	23	23.0	23.0	23.0
Motor—HP / R.P.M.	DIRECT/1	DIRECT/1	DIRECT / 1	DIRECT / 1	DIRECT / 1
Volts/Ph/Hz	1/5/830	1/5/830	1/5 / 830	1/5 / 830	11/5 / 830
F.L. Amps/L.R. Amps	208-230/1/60 1.1/1.9	208-230/1/60 1.1/1.9	208-230/1/60 1.1 - 1.9	208-230/1/60 1.1 - 1.9	208-230/1/60 1.1 - 1.9
INDOOR FAN—TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Dia x Width (in.)	10/10	10/10	10 X 10	10 X 10	10 X 10
Drive/ No. Speeds	DIRECT/2	DIRECT/2	DIRECT / 2	DIRECT / 2	DIRECT / 2
Motor—HP / R.P.M.	1/2/1075	1/2/1075	1/2 / 1075	1/2 / 1075	1/2 / 1075
Volts/Ph/Hz	200-230/1/60	200-230/1/60	200-230/1/60	200-230/1/60	200-230/1/60
F.L. Amps/L.R. Amps	2.98/6.7	2.98/6.7	2.98/6.7	2.98/6.7	2.98/6.7
COMBUSTION FAN—TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Drive/No. Speeds	DIRECT/1	DIRECT/1	DIRECT/1	DIRECT/1	DIRECT/1
Motor HP — RPM	1/35/3480	1/35/3480	1/35 - 3480	1/35 - 3480	1/35 - 3480
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
FLA	0.53	0.53	0.53	0.5	0.5
FILTER / FURNISHED?	NO	NO	NO	NO	NO
Type Recommended	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY
Min. Face Area-low(sq.ft.)⑥	4.0	4.0	4.0	4.0	4.0
REFRIGERANT	(R-410A)	(R-410A)	(R-410A)	(R-410A)	(R-410A)
Charge (lbs) ④	7.75	7.75	7.75	7.75	7.75
GAS PIPE SIZE	1/2"	12"	1/2"	1/2"	1/2"
DIMENSIONS	H X W X D	H X W X D	H X W X D	H X W X D	H X W X D
Crated (in.)	45.86X44.5X52.03	45.86X44.5X52.03	45.86 X 44.5 X 52.03	45.86 X 44.5 X 52.03	45.86 X 44.5 X 52.03
WEIGHT					
Shipping (lbs.)/Net (lbs.)	488/392	493/397	488/392	488/392	493/397

① Rated in accordance with A.R.I. Standard 210/240. Noise tested in accordance with A.R.I. Standard 270. A.R.I. standard rating conditions are: 80 D.B. 67 W.B. entering air to indoor coil. 95 D.B. entering air to outdoor coil.

② All models are UL Listed. Ratings shown are for elevations up to 2000 ft. For higher elevations reduce ratings at a rate of 4% per 1000 ft. elevation.

③ Convertible to LPG.

④ This value is approximate. For more precise value, see Unit Nameplate.

⑤ Based on U.S. Government Standard Tests.

⑥ Filters must be installed in return air stream. Square footages listed are based on 300 f.p.m. face velocity. If permanent filters are used size per manufacturer's recommendation with a clean resistance of 0.05" W.C.

General Data

MODEL	4YCC3036A4064A	4YCC3036A4075A	4YCC3036A4096A	2YCC3042A1064A	2YCC3042A1075A
RATED Volts/Ph/Hz	460/3/60	460/3/60	460/3/60	208-230/1/60	208-230/1/60
RATINGS (COOL) ① BTUH	35000	35000	35000	40000	40000
Indoor Airflow (CFM)	1200	1200	1200	1400	1400
Power Input (KW)	3.284	3.284	3.284	3.691	3.691
EER/SEER (BTU/Watt-Hr.)	11 / 13	11 / 13	11 / 13	11/13	11/13
Sound Rating ①	75	75	75	78	78
RATINGS (HEAT) ②					
Input BTUH (Natural Gas)③	64000	75000	96000	64000	75000
Temp. Rise — Min/Max °F	25-55	30-60	40-70	25/55	25/55
Orifice Qty / Drill size(Natural Gas)	2 / #37	2 / #33	3 / #37	2/#37	2/#33
POWER CONN.—V/Ph/Hz	460/3/60	460/3/60	460/3/60	208-230/1/60	208-230/1/60
Min. Brch. Cir. Ampacity	8.7	8.7	8.7	22.2	22.2
Fuse Size/Amps	15/15	15/15	15/15	40/40	40/40
COMPRESSOR					
Volts/Ph/Hz	430/3/60	430/3/60	430/3/60	208-230/1/60	208-230/1/60
R.L. Amps/L.R. Amps	5.13/35	5.13/35	5.13/35	14.1/91	14.1/91
OUTDOOR COIL—TYPE	SPINE FIN	SPINE FIN	SPINE FIN	SPINE FIN	SPINE FIN
Rows/F.P.I.	2 / 24	2 / 24	2 / 24	2/24	2/24
Face Area (sq.ft.)	10.06	10.06	10.06	13.4	13.4
Tube Size (in.)	3/8	3/8	3/8	3/8	3/8
INDOOR COIL—TYPE	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN
Rows/F.P.I.	4 / 15	4 / 15	4 / 15	3/15	3/15
Face Area (sq.ft.)	3.54	3.54	3.54	5	5
Tube Size (in.)	3/8	3/8	3/8	3/8	3/8
Refrigerant Control	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE
Drain Conn. Size (in.)	3/4" FEMALE NPT	3/4" FEMALE NPT	3/4" FEMALE NPT	3/4 FEMALE NPT	3/4 FEMALE NPT
OUTDOOR FAN — TYPE					
Dia. (in.)	PROPELLER	PROPELLER	PROPELLER	PROPELLER	PROPELLER
Drive / No. Speeds	23.0	23.0	23.0	27.6	27.6
Motor—HP / R.P.M.	DIRECT / 1	DIRECT / 1	DIRECT / 1	DIRECT/1	DIRECT/1
Volts/Ph/Hz	1/5 / 830	1/5 / 830	1/5 / 830	0.25/825	0.25/825
F.L. Amps/L.R. Amps	460/1/60	460/1/60	460/1/60	208-230/1/60	208-230/1/60
	0.6 - 1.3	0.6 - 1.3	0.6 - 1.3	1.4/3.5	1.4/3.5
INDOOR FAN—TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Dia x Width (in.)	10 X 10	10 X 10	10 X 10	10 X 10	10 X 10
Drive/ No. Speeds	DIRECT / 2	DIRECT / 2	DIRECT / 2	DIRECT/2	DIRECT/2
Motor—HP / R.P.M.	1/3 / 1075	1/3 / 1075	1/3 / 1075	1/2/1075	1/2/1075
Volts/Ph/Hz	460/1/60	460/1/60	460/1/60	200-230/1/60	200-230/1/60
F.L. Amps/L.R. Amps	1.7/3.12	1.7/3.12	1.7/3.12	2.1/3.5	2.1/3.5
COMBUSTION FAN—TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Drive/No. Speeds	DIRECT/1	DIRECT/1	DIRECT/1	DIRECT/1	DIRECT/1
Motor HP — RPM	1/35 - 3480	1/35 - 3480	1/35 - 3480	1/35/3480	1/35/3480
Volts/Ph/Hz	460/1/60	460/1/60	460/1/60	208-230/1/60	208-230/1/60
FLA	0.25	0.25	0.25	0.53	0.53
FILTER / FURNISHED?	NO	NO	NO	NO	NO
Type Recommended	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY
Min. Face Area-low(sq.ft.)⑥	4.0	4.0	4.0	4.7	4.7
REFRIGERANT	(R-410A)	(R-410A)	(R-410A)	(R-22)	(R-22)
Charge (lbs) ④	7.75	7.75	7.75	8.18	8.18
GAS PIPE SIZE	1/2"	1/2"	1/2"	1/2"	1/2"
DIMENSIONS	H X W X D	H X W X D	H X W X D	H X W X D	H X W X D
Crated (in.)	45.86 X 44.5 X 52.03	45.86 X 44.5 X 52.03	45.86 X 44.5 X 52.03	47.86X47.4X61.75	47.86X47.4X61.75
WEIGHT					
Shipping (lbs.)/Net (lbs.)	488/392	488/392	493/397	599/471	599/471

① Rated in accordance with A.R.I. Standard 210/240. Noise tested in accordance with A.R.I. Standard 270. A.R.I. standard rating conditions are: 80 D.B. 67 W.B. entering air to indoor coil. 95 D.B. entering air to outdoor coil.

② All models are UL Listed. Ratings shown are for elevations up to 2000 ft. For higher elevations reduce ratings at a rate of 4% per 1000 ft. elevation.

③ Convertible to LPG.

④ This value is approximate. For more precise value, see Unit Nameplate.

⑤ Based on U.S. Government Standard Tests.

⑥ Filters must be installed in return air stream. Square footages listed are based on 300 f.p.m. face velocity. If permanent filters are used size per manufacturer's recommendation with a clean resistance of 0.05" W.C.

⑦ Unit is shipped on high input, unit is convertible to low input with a Low Fire accessory kit.

General Data

MODEL	2YCC3042A1096A	2YCC3048A1075A	2YCC3048A1096A	2YCC3048A1120A	4YCC3048A1075A
RATED Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
RATINGS (COOL) ① BTUH	40000	47000	47000	47000	46500
Indoor Airflow (CFM)	1400	1650	1650	1650	1600
Power Input (KW)	3.691	4.252	4.252	4.252	4.252
EER/SEER (BTU/Watt-Hr.)	11/13	11.0 / 13	11.0 / 13	11.0 / 13	11.0 / 13
Sound Rating ①	78	77	77	77	80
RATINGS (HEAT) ②					
Input BTUH (Natural Gas) ③	96000	75000	96000	120000	75000
Temp. Rise — Min/Max °F	35/65	20-50	30-60	40-70	20-50
Orifice Qty / Drill size(Natural Gas)	3/#37	2 / #27	3 / #37	3 / #32	2 / #33
POWER CONN.—V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
Min. Brch. Cir. Ampacity	22.2	29.0	29.0	29.0	31.5
Fuse Size/Amps	35/35	45/45	45/45	45/45	50/50
COMPRESSOR					
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
R.L. Amps/L.R. Amps	14.7/91	18.6/93.4	18.6/93.4	18.6/93.4	20.5/109
OUTDOOR COIL—TYPE	SPINE-FIN	SPINE FIN	SPINE FIN	SPINE FIN	SPINE FIN
Rows/F.P.I.	2/24	2/ 24	2/ 24	2/ 24	2/ 24
Face Area (sq.ft.)	13.4	13.84	13.84	13.84	13.40
Tube Size (in.)	3/8	3/8	3/8	3/8	3/8
INDOOR COIL—TYPE	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN
Rows/F.P.I.	3/15	3 / 15	3 / 15	3 / 15	3 / 15
Face Area (sq.ft.)	5	3.54	3.54	3.54	5
Tube Size (in.)	3/8	3/8	3/8	3/8	3/8
Refrigerant Control	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE
Drain Conn. Size (in.)	3/4 FEMALE NPT	3/4" FEMALE NPT	3/4" FEMALE NPT	3/4" FEMALE NPT	3/4" FEMALE NPT
OUTDOOR FAN — TYPE	PROPELLER	PROPELLER	PROPELLER	PROPELLER	PROPELLER
Dia. (in.)	27.6	27.6	27.6	27.6	27.6
Drive / No. Speeds	DIRECT/1	DIRECT / 1	DIRECT / 1	DIRECT / 1	DIRECT / 1
Motor—HP / R.P.M.	1/4/825	1/4 / 825	1/4 / 825	1/4 / 825	1/4 / 825
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	230/1/60
F.L. Amps/L.R. Amps	1.4/3.5	1.4 - 3.5	1.4 - 3.5	1.4 - 3.5	1.4 - 2.7
INDOOR FAN—TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Dia x Width (in.)	10 X 10	10 X 10	10 X 10	10 X 10	10 X 10
Drive/ No. Speeds	DIRECT/2	DIRECT / 2	DIRECT / 2	DIRECT / 2	DIRECT / 2
Motor—HP / R.P.M.	1/2/1075	3/4 / 1075	3/4 / 1075	3/4 / 1075	3/4 / 1075
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
F.L. Amps/L.R. Amps	2.1/3.5	4.4/8.8	4.4/8.8	4.4/8.8	4.4/8.8
COMBUSTION FAN—TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Drive/No. Speeds	DIRECT/1	DIRECT/1	DIRECT/1	DIRECT/1	DIRECT/1
Motor HP — RPM	1/35/3480	1/35 - 3480	1/35 - 3480	1/35 - 3480	1/35 - 3480
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
FLA	0.53	0.53	0.53	0.53	0.53
FILTER / FURNISHED?	NO	NO	NO	NO	NO
Type Recommended	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY
Min. Face Area-low(sq.ft.) ⑥	4.7	5.3	5.3	5.3	5.3
REFRIGERANT	(R-22)	(R-22)	(R-22)	(R-22)	(R-410A)
Charge (lbs) ④	8.18	9	9	9	8.2
GAS PIPE SIZE	1/2"	1/2"	1/2"	1/2"	1/2"
DIMENSIONS	H X W X D	H X W X D	H X W X D	H X W X D	H X W X D
Crated (in.)	47.86 X 47.4 X 61.75	49.86 X 47.4 X 61.75	49.86 X 47.4 X 61.75	49.86 X 47.4 X 61.75	47.86 X 47.4 X 61.75
WEIGHT					
Shipping (lbs.)/Net (lbs.)	607 / 479	656 / 528	663 / 535	669 / 541	645 / 517

① Rated in accordance with A.R.I. Standard 210/240. Noise tested in accordance with A.R.I. Standard 270. A.R.I. standard rating conditions are: 80 D.B. 67 W.B. entering air to indoor coil. 95 D.B. entering air to outdoor coil.

② All models are UL Listed. Ratings shown are for elevations up to 2000 ft. For higher elevations reduce ratings at a rate of 4% per 1000 ft. elevation.

③ Convertible to LPG.

④ This value is approximate. For more precise value, see Unit Nameplate.

⑤ Based on U.S. Government Standard Tests.

⑥ Filters must be installed in return air stream. Square footages listed are based on 300 f.p.m. face velocity. If permanent filters are used size per manufacturer's recommendation with a clean resistance of 0.05" W.C.

General Data

MODEL	4YCC3048A1096A	4YCC3048A1120A	4YCC3048A3075A	4YCC3048A3096A	4YCC3048A3120A
RATED Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/3/60	208-230/3/60	208-230/3/60
RATINGS (COOL) ① BTUH	46500	46500	46500	46500	46500
Indoor Airflow (CFM)	1600	1600	1600	1600	1600
Power Input (KW)	4.252	4.252	4.252	4.252	4.252
EER/SEER (BTU/Watt-Hr.)	11.0 / 13	11.0 / 13	11.0 / 13	11.0 / 13	11.0 / 13
Sound Rating ①	80	80	80	80	80
RATINGS (HEAT) ②					
Input BTUH (Natural Gas)③	96000	120000	75000	96000	120000
Temp. Rise — Min/Max °F	30-60	40-70	20-50	30-60	40-70
Orifice Qty / Drill size(Natural Gas)	3 / #37	3 / #32	2 / #33	3 / #37	3 / #32
POWER CONN.—V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/3/60	208-230/3/60	208-230/3/60
Min. Brch. Cir. Ampacity	31.5	31.5	24	24	24
Fuse Size/Amps	50/50	50/50	35/35	35/35	35/35
COMPRESSOR					
Volts/Ph/H	208-230/1/60	208-230/1/60	208-230/3/60	208-230/3/60	208-230/3/60
R.L. Amps/L.R. Amps	20.5/109	20.5/109	14.6/91	14.6/91	14.6/91
OUTDOOR COIL—TYPE	SPINE FIN	SPINE FIN	SPINE FIN	SPINE FIN	SPINE FIN
Rows/F.P.I.	2/ 24	2/ 24	2 / 24	2 / 24	2 / 24
Face Area (sq.ft.)	13.40	13.40	13.40	13.40	13.40
Tube Size (in.)	3/8	3/8	3/8	3/8	3/8
INDOOR COIL—TYPE	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN
Rows/F.P.I.	3 / 15	3 / 15	3 / 15	3 / 15	3 / 15
Face Area (sq.ft.)	5	5	5	5	5
Tube Size (in.)	3/8	3/8	3/8	3/8	3/8
Refrigerant Control	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE
Drain Conn. Size (in.)	3/4" FEMALE NPT	3/4" FEMALE NPT	3/4" FEMALE NPT	3/4" FEMALE NPT	3/4" FEMALE NPT
OUTDOOR FAN — TYPE	PROPELLER	PROPELLER	PROPELLER	PROPELLER	PROPELLER
Dia. (in.)	27.6	27.6	27.6	27.6	27.6
Drive / No. Speeds	DIRECT / 1	DIRECT / 1	DIRECT / 1	DIRECT / 1	DIRECT / 1
Motor—HP / R.P.M.	1/4 / 825	1/4 / 825	1/4 / 825	1/4 / 825	1/4 / 825
Volts/Ph/Hz	230/1/60	230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
F.L. Amps—L.R. Amps	1.4 - 2.7	1.4 - 2.7	1.4 - 3.5	1.4 - 3.5	1.4 - 3.5
INDOOR FAN—TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Dia x Width (in.)	10 X 10	10 X 10	10 X 9	10 X 9	10 X 9
Drive/ No. Speeds	DIRECT / 2	DIRECT / 2	DIRECT / 2	DIRECT / 2	DIRECT / 2
Motor—HP / R.P.M.	3/4 / 1075	3/4 / 1075	3/4 / 1075	1/3 / 1080	1/3 / 1080
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	200-230/1/60	200-230/1/60
F.L. Amps—L.R. Amps	4.4/8.8	4.4/8.8	4.4/8.8	4.4/8.8	4.4/8.8
COMBUSTION FAN—TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Drive/No. Speeds	DIRECT/1	DIRECT/1	DIRECT/1	DIRECT/1	DIRECT/1
Motor HP — RPM	1/35 - 3480	1/35 - 3480	1/35 - 3480	1/35 - 3480	1/35 - 3480
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60
FLA	0.53	0.53	0.53	0.53	0.53
FILTER / FURNISHED?	NO	NO	NO	NO	NO
Type Recommended	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY
Min. Face Area-low(sq.ft.)⑥	5.3	5.3	5.3	5.3	5.3
REFRIGERANT	(R-410A)	(R-410A)	(R-410A)	(R-410A)	(R-410A)
Charge (lbs) ④	8.2	8.2	8.2	8.2	8.2
GAS PIPE SIZE	1/2"	1/2"	1/2"	1/2"	1/2"
DIMENSIONS	H X W X D	H X W X D	H X W X D	H X W X D	H X W X D
Crated (in.)	47.86 X 47.4 X 61.75	47.86 X 47.4 X 61.75	47.86 X 47.4 X 61.75	47.86 X 47.4 X 61.75	47.86 X 47.4 X 61.75
WEIGHT					
Shipping (lbs.)/Net (lbs.)	653 / 525	659 / 531	645 / 517	653 / 525	659 / 531

① Rated in accordance with A.R.I. Standard 210/240. Noise tested in accordance with A.R.I. Standard 270. A.R.I. standard rating conditions are: 80 D.B. 67 W.B. entering air to indoor coil. 95 D.B. entering air to outdoor coil.

② All models are UL Listed. Ratings shown are for elevations up to 2000 ft. For higher elevations reduce ratings at a rate of 4% per 1000 ft. elevation.

③ Convertible to LPG.

④ This value is approximate. For more precise value, see Unit Nameplate.

⑤ Based on U.S. Government Standard Tests.

⑥ Filters must be installed in return air stream. Square footages listed are based on 300 f.p.m. face velocity. If permanent filters are used size per manufacturer's recommendation with a clean resistance of 0.05" W.C.

General Data

MODEL	4YCC3048A4075A	4YCC3048A4096A	4YCC3048A4120A	2YCC3060A1096A	2YCC3060A1120A
RATED Volts/Ph/Hz	460/3/60	460/3/60	460/3/60	208-230/1/60	208-230/1/60
RATINGS (COOL) ① BTUH	46500	46500	46500	58000	58000
Indoor Airflow (CFM)	1600	1600	1600	1850	1850
Power Input (KW)	4.252	4.252	4.252	5.114	5.114
EER/SEER (BTU/Watt-Hr.)	11.0 / 13	11.0 / 13	11.0 / 13	11.0 / 13	11.0 / 13
Sound Rating ①	80	80	80	76	76
RATINGS (HEAT) ②					
Input BTUH (Natural Gas)③	75000	96000	120000	96000	75000
Temp. Rise — Min/Max °F	20-50	30-60	40-70	25-55	30-60
Orifice Qty / Drill size(Natural Gas)	2 / #33	3 / #37	3 / #37	3 / #37	3 / #33
POWER CONN.—V/Ph/Hz	430/3/60	430/3/60	430/3/60	208-230/1/60	208-230/1/60
Min. Brch. Cir. Ampacity	11.7	11.7	11.7	40.6	40.6
Fuse Size/Amps	15/15	15/15	15/15	60/60	60/60
COMPRESSOR					
Volts/Ph/H	430/3/60	430/3/60	430/3/60	208-230/1/60	208-230/1/60
R.L. Amps/L.R. Amps	7.05/46	7.05/46	7.05/46	14.7/83	14.7/83
OUTDOOR COIL—TYPE	SPINE FIN	SPINE FIN	SPINE FIN	SPINE FIN	SPINE FIN
Rows/F.P.I.	2 / 24	2 / 24	2 / 24	2 / 24	2 / 24
Face Area (sq.ft.)	13.40	13.40	13.40	10.06	10.06
Tube Size (in.)	3/8	3/8	3/8	3/8	3/8
INDOOR COIL—TYPE	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN
Rows/F.P.I.	3 / 15	3 / 15	3 / 15	4 / 15	4 / 15
Face Area (sq.ft.)	5	5	5	5	5
Tube Size (in.)	3/8	3/8	3/8	3/8	3/8
Refrigerant Control	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE
Drain Conn. Size (in.)	3/4" FEMALE NPT	3/4" FEMALE NPT	3/4" FEMALE NPT	3/4" FEMALE NPT	3/4" FEMALE NPT
OUTDOOR FAN — TYPE	PROPELLER	PROPELLER	PROPELLER	PROPELLER	PROPELLER
Dia. (in.)	27.6	27.6	27.6	27.6	27.6
Drive / No. Speeds	DIRECT / 1	DIRECT / 1	DIRECT / 1	DIRECT / 1	DIRECT / 1
Motor—HP / R.P.M.	1/4 / 825	1/4 / 825	1/4 / 825	1/3 / 830	1/3 / 830
Volts/Ph/Hz	460/1/60	460/1/60	460/1/60	208-230/1/60	208-230/1/60
F.L. Amps—L.R. Amps	0.74 - 1.6	0.74 - 1.6	0.74 - 1.6	1.7 - 1.9	1.7 - 1.9
INDOOR FAN—TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Dia x Width (in.)	10 X 10	10 X 10	10 X 10	11 X 10	11 X 10
Drive/ No. Speeds	DIRECT / 2	DIRECT / 2	DIRECT / 2	DIRECT / 2	DIRECT / 2
Motor—HP / R.P.M.	3/4 / 1080	3/4 / 1080	3/4 / 1080	1 / 1075	1 / 1075
Volts/Ph/Hz	460/1/60	460/1/60	460/1/60	200-230/1/60	200-230/1/60
F.L. Amps—L.R. Amps	2.2/436	2.2/436	2.2/436	7.6/7.6	7.6/7.6
COMBUSTION FAN—TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Drive/No. Speeds	DIRECT/1	DIRECT/1	DIRECT/1	DIRECT/1	DIRECT/1
Motor HP — RPM	1/35 - 3480	1/35 - 3480	1/35 - 3480	1/35 - 3480	1/35 - 3480
Volts/Ph/Hz	460/1/60	460/1/60	460/1/60	208-230/1/60	208-230/1/60
FLA	0.25	0.25	0.25	0.53	0.53
FILTER / FURNISHED?	NO	NO	NO	NO	NO
Type Recommended	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY
Min. Face Area-low(sq.ft.)⑥	5.3	5.3	5.3	4.0	4.0
REFRIGERANT	(R-410A)	(R-410A)	(R-410A)	(R-22)	(R-22)
Charge (lbs) ④	8.2	8.2	8.2	5.12	5.12
GAS PIPE SIZE	1/2"	1/2"	1/2"	1/2"	1/2"
DIMENSIONS	H X W X D	H X W X D	H X W X D	H X W X D	H X W X D
Crated (in.)	47.86 X 47.4 X 61.75	47.86 X 47.4 X 61.75	47.86 X 47.4 X 61.75	51.86 X 47.4 X 61.75	51.86 X 47.4 X 61.75
WEIGHT					
Shipping (lbs.)/Net (lbs.)	645/ 517	653 / 525	659 / 531	678 / 550	684 / 556

① Rated in accordance with A.R.I. Standard 210/240. Noise tested in accordance with A.R.I. Standard 270. A.R.I. standard rating conditions are: 80 D.B. 67 W.B. entering air to indoor coil. 95 D.B. entering air to outdoor coil.

② All models are UL Listed. Ratings shown are for elevations up to 2000 ft. For higher elevations reduce ratings at a rate of 4% per 1000 ft. elevation.

③ Convertible to LPG.

④ This value is approximate. For more precise value, see Unit Nameplate.

⑤ Based on U.S. Government Standard Tests.

⑥ Filters must be installed in return air stream. Square footages listed are based on 300 f.p.m. face velocity. If permanent filters are used size per manufacturer's recommendation with a clean resistance of 0.05" W.C.

General Data

MODEL	4YCC3060A1096A	4YCC3060A1120A	4YCC3060A3096A	4YCC306 0A3120A	4YCC3060A4096A
RATED Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/3/60	208-230/3/60	460/3/60
RATINGS (COOL) ① BTUH	58000	58000	58000	58000	58000
Indoor Airflow (CFM)	1800	1800	1800	1800	1800
Power Input (KW)	5.478	5.478	5.478	5.478	5.478
EER/SEER (BTU/Watt-Hr.)	10.95 / 13	10.95 / 13	10.95/13	10.95/13	10.95 / 13
Noise Rating No. ①	79	79	79	79	79
RATINGS (HEAT) ②					
Input BTUH (Natural Gas)③	96000	120000	96000	120000	96000
Temp. Rise — Min/Max °F	25-55	30-60	25-55	30-60	25-55
Orifice Qty / Drill size(Natural Gas)	3/ #37	3/ #32	3/ #37	3/ #32	3/ #37
POWER CONN.—V/Ph/Hz	208-230/1/60	208-230/1/60	208-230/3/60	208-230/3/60	460/3/60
Min. Brch. Cir. Ampacity	43.5	43.5	31.7	31.7	19.5
Fuse Size— (Amps)	60/60	60/60	50/50	50/50	25/25
COMPRESSOR					
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/3/60	208-230/3/60	460/3/60
R.L. Amps—L.R. Amps	27.6 - 158	27.6 - 158	18.1 - 137	18.1 - 137	8.97 -62
OUTDOOR COIL—TYPE	SPINE FIN	SPINE FIN	SPINE FIN	SPINE FIN	SPINE FIN
Rows/F.P.I.	2 / 24	2 / 24	2 / 24	2 / 24	2 / 24
Face Area (sq.ft.)	13.84	13.84	13.84	13.84	13.84
Tube Size (in.)	3/8	3/8	3/8	3/8	3/8
INDOOR COIL—TYPE	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN	PLATE FIN
Rows/F.P.I.	4 / 15	4 / 15	4 / 15	4 / 15	4 / 15
Face Area (sq.ft.)	5	5	5	5	5
Tube Size (in.)	3/8	3/8	3/8	3/8	3/8
Refrigerant Control	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE	EXPANSION VALVE
Drain Conn. Size (in.)	3/4" FEMALE NPT	3/4" FEMALE NPT	3/4" FEMALE NPT	3/4" FEMALE NPT	3/4" FEMALE NPT
OUTDOOR FAN — TYPE	PROPELLER	PROPELLER	PROPELLER	PROPELLER	PROPELLER
Dia. (in.)	27.6	27.6	27.6	27.6	27.6
Drive / No. Speeds	DIRECT / 1	DIRECT / 1	DIRECT / 1	DIRECT / 1	DIRECT / 1
Motor—HP / R.P.M.	1/4 / 825	1/4 / 825	1/4 / 825	1/4 / 825	1/4 / 825
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	460/1/60
F.L. Amps—L.R. Amps	1.4 - 3.5	1.4 - 3.5	1.4 - 3.5	1.4 - 3.5	.74 - 1.6
INDOOR FAN—TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Dia x Width (in.)	11 X 10	11 X 10	11 X 10	11 X 10	11 X 10
Drive/ No. Speeds	DIRECT / 3	DIRECT / 3	DIRECT / 3	DIRECT / 3	DIRECT / 3
Motor—HP / R.P.M.	1 / 1075	1 / 1075	1 / 1075	1 / 1075	1 / 1075
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	200-230/1/60
F.L. Amps—L.R. Amps	7.6/7.6	7.6/7.6	7.6/7.6	7.6/7.6	7.6/7.6
COMBUSTION FAN—TYPE	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL	CENTRIFUGAL
Type Drive	DIRECT	DIRECT	DIRECT	DIRECT	DIRECT
No. Speeds	1	1	1	1	1
Motor HP — RPM	1/35 - 3480	1/35 - 3480	1/35 - 3480	1/35 - 3480	1/35 - 3480
Volts/Ph/Hz	208-230/1/60	208-230/1/60	208-230/1/60	208-230/1/60	460/1/60
FLA	0.53	0.53	0.53	0.53	0.25
FILTER / FURNISHED?	NO	NO	NO	NO	NO
Type Recommended	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY	THROWAWAY
Min. Face Area-low(sq.ft.)⑥	6.7	6.7	6.7	4.0	6.7
REFRIGERANT	(R-410A)	(R-410A)	(R-410A)	(R-410A)	(R-410A)
Charge (lbs) ④	10	10	10	10	10
GAS PIPE SIZE	1/2"	1/2"	1/2"	1/2"	1/2"
DIMENSIONS	H X W X D	H X W X D	H X W X D	H X W X D	H X W X D
Crated (in.)	49.86 X 47.4 X 61.75	49.86 X 47.4 X 61.75	49.86 X 47.4 X 61.75	49.86 X 47.4 X 61.75	49.86 X 47.4 X 61.75
WEIGHT					
Shipping (lbs.)/Net (lbs.)	670 / 542	676 / 548	670 / 542	678 / 548	678 / 550

① Rated in accordance with A.R.I. Standard 210/240. Noise tested in accordance with A.R.I. Standard 270. A.R.I. standard rating conditions are: 80 D.B. 67 W.B. entering air to indoor coil. 95 D.B. entering air to outdoor coil.

② All models are UL Listed. Ratings shown are for elevations up to 2000 ft. For higher elevations reduce ratings at a rate of 4% per 1000 ft. elevation.

③ Convertible to LPG.

④ This value is approximate. For more precise value, see Unit Nameplate.

⑤ Based on U.S. Government Standard Tests.

⑥ Filters must be installed in return air stream. Square footages listed are based on 300 f.p.m. face velocity. If permanent filters are used size per manufacturer's recommendation with a clean resistance of 0.05" W.C.

General Data

MODEL	4YCC3060A4120A
RATED Volts/Ph/Hz	460/3/60
RATINGS (COOL) ① BTUH	58000
Indoor Airflow (CFM)	1800
Power Input (KW)	5.478
EER/SEER (BTU/Watt-Hr.)	10.95 / 13
Sound Rating ①	79
RATINGS (HEAT) ②	
Input BTUH (Natural Gas)③	120000
Temp. Rise — Min/Max °F	30-60
Orifice Qty / Drill size(Natural Gas)	3/#32
POWER CONN.—V/Ph/Hz	460/3/60
Min. Brch. Cir. Ampacity	19.5
Fuse Size/Amps	25/25
COMPRESSOR	
Volts/Ph/Hz	460/3/60
R.L. Amps/L.R. Amps	8.97/62
OUTDOOR COIL—TYPE	SPINE FIN
Rows/F.P.I.	2 / 24
Face Area (sq.ft.)	13.84
Tube Size (in.)	3/8
INDOOR COIL—TYPE	PLATE FIN
Rows/F.P.I.	4 / 15
Face Area (sq.ft.)	5
Tube Size (in.)	3/8
Refrigerant Control	EXPANSION VALVE
Drain Conn. Size (in.)	3/4" FEMALE NPT
OUTDOOR FAN — TYPE	PROPELLER
Dia. (in.)	27.6
Drive / No. Speeds	DIRECT / 1
Motor—HP / R.P.M.	1/4 / 825
Volts/Ph/Hz	460/1/60
F.L. Amps—L.R. Amps	.74 - 1.6
INDOOR FAN—TYPE	CENTRIFUGAL
Dia x Width (in.)	11 X 10
Drive/ No. Speeds	DIRECT / 3
Motor—HP / R.P.M.	1 / 1080
Volts/Ph/Hz	208-230/1/60
F.L. Amps—L.R. Amps	7.6/7.6
COMBUSTION FAN—TYPE	CENTRIFUGAL
Drive/No. Speeds	DIRECT/1
Motor HP — RPM	1/35 - 3480
Volts/Ph/Hz	460/1/60
FLA	0.25
FILTER / FURNISHED?	NO
Type Recommended	THROWAWAY
Min. Face Area-low(sq.ft.)⑥	6.7
REFRIGERANT	(R-410A)
Charge (lbs) ④	10
GAS PIPE SIZE	1/2"
DIMENSIONS	H X W X D
Crated (in.)	49.86 X 47.4 X 61.75
WEIGHT	
Shipping (lbs.)/Net (lbs.)	684/556

① Rated in accordance with A.R.I. Standard 210/240. Noise tested in accordance with A.R.I. Standard 270. A.R.I. standard rating conditions are: 80 D.B. 67 W.B. entering air to indoor coil. 95 D.B. entering air to outdoor coil.

② All models are UL Listed. Ratings shown are for elevations up to 2000 ft. For higher elevations reduce ratings at a rate of 4% per 1000 ft. elevation.

③ Convertible to LPG.

④ This value is approximate. For more precise value, see Unit Nameplate.

⑤ Based on U.S. Government Standard Tests.

⑥ Filters must be installed in return air stream. Square footages listed are based on 300 f.p.m. face velocity. If permanent filters are used size per manufacturer's recommendation with a clean resistance of 0.05" W.C.

Performance Data Cooling

2YCC3024A AT 800 CFM (CAPACITIES ARE NET IN BTUH/1000-INDOOR FAN HEAT DEDUCTED)

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP.				COMPR. KW	CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)			
			72	75	78	80		AIRFLOW	TOTAL CAPACITY	SENSIBLE CAPACITY	
85	59	22.2	14.3	17.2	20	21.9	1.91	LOW	700	0.98	0.97
	63	23.2	13.1	15.8	18.4	20.1	1.92				
	67	25.0	11.3	13.6	15.9	17.3	1.95				
	71	27.0	9.4	11.3	13.2	14.4	1.97				
95	59	20.6	13.6	16.3	19.0	20.6	2.07	HIGH	900	1.02	1.03
	63	21.5	12.5	15.0	17.5	19.1	2.09				
	67	23.2	10.8	12.9	15.1	16.5	2.12				
	71	25.0	8.9	10.7	12.5	13.7	2.14				
105	59	19.1	12.8	15.4	18	19.1	2.24	VALUES AT ARI RATING CONDITIONS TOTAL NET CAPACITY = 23000 BTUH AIRFLOW = 725 CFM COMPRESSOR POWER = 1790 WATTS I.D. FAN POWER = 201 WATTS O.D. FAN POWER = 100 WATTS S.E.E.R. = 13.00 BTUH/WATT E.E.R = 11.00 BTUH/WATT ALL TEMPERATURES IN DEGREES F.			
	63	19.9	11.8	14.1	16.5	18.0	2.25				
	67	21.4	10.1	12.2	14.2	15.5	2.29				
	71	23.1	8.4	10.1	11.8	12.9	2.31				
115	59	17.5	12.0	14.4	16.8	17.5	2.40				
	63	18.2	11.0	13.2	15.4	16.9	2.41				
	67	19.6	9.5	11.4	13.3	14.6	2.45				
	71	21.2	7.9	9.5	11.0	12.1	2.48				

2YCC3030A AT 1000 CFM (CAPACITIES ARE NET IN BTUH/1000-INDOOR FAN HEAT DEDUCTED)

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP.				COMPR. KW	CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)			
			72	75	78	80		AIRFLOW	TOTAL CAPACITY	SENSIBLE CAPACITY	
85	59	26.8	18.0	21.6	25.2	26.8	2.28	LOW	875	0.98	0.97
	63	27.9	16.5	19.8	23.1	25.3	2.29				
	67	30.1	14.2	17.1	19.9	21.8	2.33				
	71	32.5	11.8	14.2	16.5	18.1	2.35				
95	59	24.9	17.2	20.7	24.1	24.9	2.48	HIGH	1125	1.02	1.03
	63	25.9	15.8	19.0	22.1	24.2	2.49				
	67	27.9	13.6	16.4	19.1	20.9	2.53				
	71	30.2	11.3	13.6	15.9	17.3	2.56				
105	59	23.0	16.4	19.7	23.0	23.0	2.68	VALUES AT ARI RATING CONDITIONS TOTAL NET CAPACITY = 28000 BTUH AIRFLOW = 1025 CFM COMPRESSOR POWER = 2094 WATTS I.D. FAN POWER = 335 WATTS O.D. FAN POWER = 116 WATTS S.E.E.R. = 13.00 BTUH/WATT E.E.R = 11.00 BTUH/WATT ALL TEMPERATURES IN DEGREES F.			
	63	23.9	15.0	18.1	21.1	23.0	2.70				
	67	25.8	13.0	15.6	18.2	19.9	2.74				
	71	27.9	10.8	12.9	15.1	16.5	2.77				
115	59	21.1	15.5	18.6	21.1	21.1	2.88				
	63	22.0	14.2	17.1	19.9	21.8	2.90				
	67	23.7	12.3	14.7	17.2	18.8	2.95				
	71	25.5	10.2	12.2	14.3	15.6	2.98				

2YCC3036A AT 1200 CFM (CAPACITIES ARE NET IN BTUH/1000-INDOOR FAN HEAT DEDUCTED)

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP.				COMPR. KW	CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)			
			72	75	78	80		AIRFLOW	TOTAL CAPACITY	SENSIBLE CAPACITY	
85	59	32.8	22.5	27.1	31.6	32.8	2.82	LOW	1050	0.98	0.97
	63	34.2	20.7	24.9	29.0	31.7	2.84				
	67	36.9	17.8	21.4	25.0	27.3	2.88				
	71	39.8	14.8	17.8	20.7	22.7	2.91				
95	59	31.1	21.8	26.2	30.5	31.1	3.09	HIGH	1350	1.02	1.03
	63	32.4	20.0	24.0	28.0	30.6	3.11				
	67	34.9	17.2	20.7	24.2	26.4	3.16				
	71	37.7	14.3	17.2	20.0	21.9	3.19				
105	59	29.3	21.0	25.2	29.3	29.3	3.37	VALUES AT ARI RATING CONDITIONS TOTAL NET CAPACITY = 35000 BTUH AIRFLOW = 1240 CFM COMPRESSOR POWER = 2535 WATTS I.D. FAN POWER = 428 WATTS O.D. FAN POWER = 219 WATTS S.E.E.R. = 13.00 BTUH/WATT E.E.R = 11.00 BTUH/WATT ALL TEMPERATURES IN DEGREES F.			
	63	30.6	19.3	23.1	27.0	29.5	3.39				
	67	33.0	16.6	20.0	23.3	25.4	3.44				
	71	35.6	13.8	16.6	19.3	21.1	3.48				
115	59	27.6	20.1	24.2	27.6	27.6	3.64				
	63	28.8	18.5	22.2	25.9	28.3	3.66				
	67	31.0	15.9	19.2	22.3	24.4	3.72				
	71	33.5	13.2	15.9	18.5	20.3	3.76				

Performance Data Cooling

2YCC3042A AT 1400 CFM (CAPACITIES ARE NET IN BTUH/1000-INDOOR FAN HEAT DEDUCTED)

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP.				COMPR. KW	CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)			
			72	75	78	80		AIRFLOW	TOTAL CAPACITY	SENSIBLE CAPACITY	
85	59	38.3	25.5	30.6	35.7	38.3	3.28	LOW	1225	0.98	0.97
	63	40	23.4	28.1	32.7	35.8	3.31				
	67	43.1	20.2	24.2	28.2	30.9	3.36				
	71	46.5	16.7	20.1	23.4	25.6	3.39				
95	59	35.6	24.4	29.3	34.2	35.6	3.55	HIGH	1575	1.02	1.03
	63	37.1	22.4	26.9	31.4	34.3	3.58				
	67	40.0	19.3	23.2	27.1	29.6	3.64				
	71	43.2	16.0	19.3	22.5	24.6	3.67				
105	59	32.9	23.2	27.9	32.6	32.9	3.82	VALUES AT ARI RATING CONDITIONS TOTAL NET CAPACITY = 40000 BTUH AIRFLOW = 1400 CFM COMPRESSOR POWER = 2823 WATTS I.D. FAN POWER = 502 WATTS O.D. FAN POWER = 311 WATTS S.E.E.R. = 13.00 BTUH/WATT E.E.R. = 11.00 BTUH/WATT ALL TEMPERATURES IN DEGREES F.			
	63	34.3	21.3	25.6	29.9	32.7	3.85				
	67	36.9	18.4	22.1	25.8	28.2	3.91				
	71	39.9	15.3	18.4	21.4	23.4	3.95				
115	59	30.2	22.0	26.4	30.2	30.2	4.09				
	63	31.4	20.2	24.2	28.2	30.9	4.12				
	67	33.9	17.4	20.9	24.4	26.6	4.19				
	71	36.6	14.4	17.4	20.2	22.1	4.23				

2YCC3048A AT 1600 CFM (CAPACITIES ARE NET IN BTUH/1000-INDOOR FAN HEAT DEDUCTED)

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP.				COMPR. KW	CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)			
			72	75	78	80		AIRFLOW	TOTAL CAPACITY	SENSIBLE CAPACITY	
85	59	45.5	30.6	36.8	42.9	45.5	3.84	LOW	1400	0.98	0.97
	63	47.4	28.1	33.8	39.3	43.0	3.87				
	67	51.1	24.2	29.1	34.0	37.1	3.93				
	71	55.2	20.1	24.2	28.2	30.8	3.97				
95	59	41.7	29.3	35.2	41.0	41.7	4.15	HIGH	1800	1.02	1.03
	63	43.5	26.9	32.3	37.6	41.1	4.18				
	67	46.9	23.2	27.9	32.5	35.5	4.25				
	71	50.6	19.2	23.1	26.9	29.4	4.29				
105	59	38	27.7	33.3	38.0	38.0	4.46	VALUES AT ARI RATING CONDITIONS TOTAL NET CAPACITY = 47000 BTUH AIRFLOW = 1650 CFM COMPRESSOR POWER = 3387 WATTS I.D. FAN POWER = 589 WATTS O.D. FAN POWER = 297 WATTS S.E.E.R. = 13.00 BTUH/WATT E.E.R. = 11.00 BTUH/WATT ALL TEMPERATURES IN DEGREES F.			
	63	39.6	25.4	30.6	35.6	38.9	4.49				
	67	42.7	21.9	26.4	30.7	33.6	4.57				
	71	46.1	18.2	21.9	25.5	27.9	4.61				
115	59	34.2	25.9	31.2	34.2	34.2	4.77				
	63	35.7	23.8	28.6	33.3	35.7	4.80				
	67	38.4	20.5	24.7	28.8	31.4	4.88				
	71	41.5	17.0	20.5	23.9	26.1	4.93				

2YCC3060A AT 2000 CFM (CAPACITIES ARE NET IN BTUH/1000-INDOOR FAN HEAT DEDUCTED)

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP.				COMPR. KW	CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)			
			72	75	78	80		AIRFLOW	TOTAL CAPACITY	SENSIBLE CAPACITY	
85	59	54.7	36.6	44.0	51.3	54.7	4.74	LOW	1750	0.98	0.97
	63	57.0	33.6	40.4	47.1	51.5	4.77				
	67	61.4	29.0	34.9	40.6	44.4	4.85				
	71	66.3	24.1	28.9	33.7	36.9	4.89				
95	59	52.0	35.5	42.7	49.8	52.0	5.22	HIGH	2250	1.02	1.03
	63	54.2	32.6	39.2	45.7	49.9	5.25				
	67	58.4	28.1	33.8	39.4	43.1	5.34				
	71	63.0	23.4	28.1	32.7	35.8	5.39				
105	59	49.2	34.4	41.3	48.2	49.2	5.69	VALUES AT ARI RATING CONDITIONS TOTAL NET CAPACITY = 58000 BTUH AIRFLOW = 1850 CFM COMPRESSOR POWER = 4417 WATTS I.D. FAN POWER = 563 WATTS O.D. FAN POWER = 293 WATTS S.E.E.R. = 13.00 BTUH/WATT E.E.R. = 11.00 BTUH/WATT ALL TEMPERATURES IN DEGREES F.			
	63	51.3	31.5	37.9	44.2	48.3	5.73				
	67	55.3	27.2	32.7	38.1	41.7	5.82				
	71	59.7	22.6	27.2	31.6	34.6	5.88				
115	59	46.5	33.1	39.8	46.4	46.5	6.17				
	63	48.5	30.4	36.6	42.6	46.6	6.21				
	67	52.3	26.2	31.5	36.8	40.2	6.31				
	71	56.4	21.8	26.2	30.5	33.3	6.37				

Performance Data Cooling

4YCC3018A AT 600 CFM (CAPACITIES ARE NET IN BTUH/1000-INDOOR FAN HEAT DEDUCTED)

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP.				COMPR. KW
			72	75	78	80	
85	59	17.5	11.4	13.7	16.0	17.5	1.43
	63	18.2	10.5	12.6	14.7	16.1	1.44
	67	19.7	9.1	10.9	12.7	13.9	1.46
	71	21.2	7.5	9.0	10.5	11.5	1.48
95	59	15.9	10.7	12.9	15.0	15.9	1.57
	63	16.6	9.8	11.8	13.8	15.1	1.58
	67	17.8	8.5	10.2	11.9	13.0	1.60
	71	19.3	7.0	8.5	9.9	10.8	1.62
105	59	14.3	9.9	11.9	13.9	14.3	1.70
	63	14.9	9.1	10.9	12.8	13.9	1.71
	67	16.0	7.9	9.4	11.0	12.0	1.74
	71	17.3	6.5	7.8	9.1	10.0	1.76
115	59	12.6	9.1	10.9	12.6	12.6	1.84
	63	13.2	8.3	10.0	11.7	12.7	1.85
	67	14.2	7.2	8.6	10.1	11.0	1.88
	71	15.3	6.0	7.2	8.3	9.1	1.90

CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)

	AIRFLOW	TOTAL CAPACITY	SENSIBLE CAPACITY
LOW	525	0.98	0.97
HIGH	675	1.02	1.03

VALUES AT ARI RATING CONDITIONS

TOTAL NET CAPACITY = 18000 BTUH
 AIRFLOW = 675 CFM
 COMPRESSOR POWER = 1291 WATTS
 I.D. FAN POWER = 236 WATTS
 O.D. FAN POWER = 109 WATTS
 S.E.E.R. = 13.00 BTUH/WATT
 E.E.R = 11.00 BTUH/WATT

ALL TEMPERATURES IN DEGREES F.

4YCC3036A AT 1200 CFM (CAPACITIES ARE NET IN BTUH/1000-INDOOR FAN HEAT DEDUCTED)

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP.				COMPR. KW
			72	75	78	80	
85	59	33.2	22.3	26.8	31.2	33.2	2.80
	63	34.6	20.5	24.6	28.7	31.3	2.81
	67	37.3	17.7	21.2	24.7	27.0	2.86
	71	40.3	14.7	17.6	20.5	22.4	2.89
95	59	31.2	21.4	25.7	29.9	31.2	3.11
	63	32.5	19.6	23.6	27.5	30.0	3.13
	67	35.0	16.9	20.3	23.7	25.9	3.18
	71	37.8	14.0	16.9	19.7	21.5	3.21
105	59	29.1	20.4	24.5	28.5	29.1	3.42
	63	30.3	18.7	22.5	26.2	28.6	3.45
	67	32.7	16.1	19.4	22.6	24.7	3.50
	71	35.3	13.4	16.1	18.7	20.5	3.54
115	59	27.0	19.3	23.2	27.0	27.0	3.74
	63	28.2	17.7	21.3	24.8	27.1	3.76
	67	30.4	15.3	18.4	21.4	23.4	3.82
	71	32.8	12.7	15.2	17.8	19.4	3.86

CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)

	AIRFLOW	TOTAL CAPACITY	SENSIBLE CAPACITY
LOW	1050	0.98	0.97
HIGH	1350	1.02	1.03

VALUES AT ARI RATING CONDITIONS

TOTAL NET CAPACITY = 35000 BTUH
 AIRFLOW = 1200 CFM
 COMPRESSOR POWER = 2557 WATTS
 I.D. FAN POWER = 417 WATTS
 O.D. FAN POWER = 208 WATTS
 S.E.E.R. = 13.00 BTUH/WATT
 E.E.R = 11.00 BTUH/WATT

ALL TEMPERATURES IN DEGREES F.

4YCC3048A AT 1600 CFM (CAPACITIES ARE NET IN BTUH/1000-INDOOR FAN HEAT DEDUCTED)

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP.				COMPR. KW
			72	75	78	80	
85	59	43.8	29.8	35.8	41.7	43.8	3.74
	63	45.6	27.3	32.9	38.3	41.9	3.77
	67	49.2	23.6	28.4	33.1	36.1	3.83
	71	53.1	19.6	23.5	27.4	30.0	3.87
95	59	41.4	28.8	34.6	40.3	41.4	4.13
	63	43.2	26.4	31.7	37.0	40.4	4.16
	67	46.5	22.8	27.4	31.9	34.9	4.23
	71	50.2	18.9	22.7	26.5	28.9	4.27
105	59	39.0	27.7	33.3	38.8	39.0	4.52
	63	40.7	25.4	30.5	35.6	38.9	4.55
	67	43.8	21.9	26.3	30.7	33.6	4.63
	71	47.3	18.2	21.9	25.5	27.8	4.67
115	59	36.6	26.5	31.9	36.6	36.6	4.91
	63	38.2	24.3	29.2	34.1	37.2	4.94
	67	41.2	21.0	25.2	29.4	32.1	5.02
	71	44.4	17.4	20.9	24.4	26.7	5.07

CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)

	AIRFLOW	TOTAL CAPACITY	SENSIBLE CAPACITY
LOW	1400	0.98	0.97
HIGH	1800	1.02	1.03

VALUES AT ARI RATING CONDITIONS

TOTAL NET CAPACITY = 46500 BTUH
 AIRFLOW = 1599 CFM
 COMPRESSOR POWER = 3322 WATTS
 I.D. FAN POWER = 592 WATTS
 O.D. FAN POWER = 313 WATTS
 S.E.E.R. = 13.00 BTUH/WATT
 E.E.R = 11.00 BTUH/WATT

ALL TEMPERATURES IN DEGREES F.

Performance Data Cooling

4YCC3060A AT 2000 CFM (CAPACITIES ARE NET IN BTUH/1000-INDOOR FAN HEAT DEDUCTED)

O.D. D.B.	I.D. W.B.	TOTAL CAP.	SENS. CAP. AT ENTERING D.B. TEMP.				COMPR. KW
			72	75	78	80	
85	59	56.1	36.3	43.6	50.9	55.6	4.74
	63	58.5	33.3	40.0	46.7	51.0	4.77
	67	63.1	28.7	34.6	40.3	44.0	4.85
	71	68.1	23.9	28.7	33.4	36.5	4.89
95	59	52.1	34.8	41.8	48.7	52.1	5.27
	63	54.3	31.9	38.4	44.7	48.9	5.30
	67	58.5	27.6	33.1	38.6	42.2	5.39
	71	63.2	22.9	27.5	32	35.0	5.44
105	59	48.0	33.1	39.8	46.4	48.0	5.80
	63	50.1	30.4	36.5	42.6	46.5	5.83
	67	54.0	26.2	31.5	36.7	40.2	5.93
	71	58.3	21.8	26.2	30.5	33.3	5.99
115	59	44.0	31.3	37.6	43.8	44.0	6.33
	63	45.8	28.7	34.5	40.2	43.9	6.37
	67	49.4	24.7	29.7	34.7	37.9	6.47
	71	53.3	20.5	24.7	28.8	31.4	6.53

CORRECTION FACTORS FOR OTHER AIRFLOWS (MULTIPLY DATA BY FACTOR)

	AIRFLOW	TOTAL CAPACITY	SENSIBLE CAPACITY
LOW	1750	0.98	0.97
HIGH	2250	1.02	1.03

VALUES AT ARI RATING CONDITIONS

TOTAL NET CAPACITY = 58000 BTUH
 AIRFLOW = 1800 CFM
 COMPRESSOR POWER = 4402 WATTS
 I.D. FAN POWER = 607 WATTS
 O.D. FAN POWER = 288 WATTS
 S.E.E.R. = 13.00 BTUH/WATT
 E.E.R = 10.95 BTUH/WATT

ALL TEMPERATURES IN DEGREES F.

Indoor Blower Performance

Indoor Fan Performance 2/4YCC3018A

Horizontal Airflow

2/4YC*3018A1-HOR		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	149	147	142	138	-	-	-	-	-	-	-
	CFM	688	631	547	461	-	-	-	-	-	-	-
HIGH	WATTS	-	269	259	247	233	220	208	-	-	-	-
	CFM	-	1049	981	897	794	674	549	-	-	-	-

Down Airflow

2/4YC*3018A1-DOWN		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	148	143	141	137	-	-	-	-	-	-	-
	CFM	668	593	515	440	-	-	-	-	-	-	-
HIGH	WATTS	275	264	254	244	232	218	205	-	-	-	-
	CFM	1066	989	927	852	750	626	502	-	-	-	-

Indoor Fan Performance 2/4YCC3024A

Horizontal Airflow

2/4YC*3024A1HOR		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	215	212	205	195	186	-	-	-	-	-	-
	CFM	831	796	743	677	602	-	-	-	-	-	-
HIGH	WATTS	-	-	358	345	327	302	277	266	-	-	-
	CFM	-	-	1239	1165	1056	898	720	593	-	-	-

Down Airflow

2/4YC*3024A1-DOWN		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	215	208	201	193	183	-	-	-	-	-	-
	CFM	812	766	721	662	583	-	-	-	-	-	-
HIGH	WATTS	377	367	351	331	310	291	274	262	-	-	-
	CFM	1331	1274	1193	1090	966	829	686	547	-	-	-

Indoor Fan Performance 2/4YCC3030A

Horizontal Airflow

2/4YC*3030A1-HOR		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	358	345	339	331	319	301	-	-	-	-	-
	CFM	1218	1149	1103	1052	979	879	-	-	-	-	-
HIGH	WATTS	-	-	-	467	450	434	415	390	-	-	-
	CFM	-	-	-	1330	1248	1158	1048	901	-	-	-

Down Airflow

2/4YC*3030A1-DOWN		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	353	345	336	325	312	297	-	-	-	-	-
	CFM	1176	1136	1080	1012	933	839	-	-	-	-	-
HIGH	WATTS	-	-	-	463	443	424	404	381	-	-	-
	CFM	-	-	-	1296	1201	1093	969	822	-	-	-

Indoor Blower Performance

Indoor Fan Performance 2/4YCC3036A

Horizontal Airflow

2/4YC*3036A-HOR		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	470	448	434	420	402	378	351	-	-	-	-
	CFM	1332	1292	1240	1177	1100	1007	896	-	-	-	-
HIGH	WATTS	-	670	651	634	616	595	569	536	498	-	-
	CFM	-	1542	1472	1426	1364	1267	1135	989	869	-	-

Down Airflow

2/4YC*3036A-DOWN		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	460	445	431	416	400	381	358	-	-	-	-
	CFM	1267	1257	1198	1124	1050	966	843	-	-	-	-
HIGH	WATTS	-	713	694	676	657	636	612	588	-	-	-
	CFM	-	1584	1502	1420	1327	1221	1100	970	-	-	-

Indoor Fan Performance 2/4YCC3042A

Horizontal Airflow

2/4YC*3042A1-HOR		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	543	540	532	522	511	499	484	461	-	-	-
	CFM	1490	1490	1471	1444	1415	1382	1339	1272	-	-	-
HIGH	WATTS	-	633	624	602	580	562	547	525	480	-	-
	CFM	-	1715	1695	1640	1584	1539	1497	1428	1284	-	-

Down Airflow

2/4YC*3042A1-DOWN		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	548	523	517	512	497	472	446	440	-	-	-
	CFM	1525	1467	1449	1429	1386	1320	1250	1215	-	-	-
HIGH	WATTS	-	611	597	583	567	549	529	507	482	-	-
	CFM	-	1680	1646	1606	1559	1505	1441	1366	1277	-	-

Indoor Fan Performance 2/4YCC3048A

Horizontal Airflow

2/4YC*3048A1 -HOR		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	687	668	649	628	606	581	551	516	-	-	-
	CFM	1863	1810	1760	1708	1648	1577	1493	1391	-	-	-
HIGH	WATTS	-	935	921	886	851	825	803	773	708	-	-
	CFM	-	2159	2110	2017	1919	1833	1753	1652	1482	-	-

Down Airflow

2/4YC*3048A1 -DOWN		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	671	650	632	614	594	571	543	512	-	-	-
	CFM	1839	1795	1741	1682	1622	1554	1472	1362	-	-	-
HIGH	WATTS	-	901	879	857	835	813	787	754	708	-	-
	CFM	-	2080	2013	1943	1872	1797	1709	1590	1418	-	-

Indoor Blower Performance

Indoor Fan Performance 2/4YCC3060A

Horizontal Airflow

2/4YC*3060A1-HOR		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	500	498	513	532	548	559	568	582	-	-	-
	CFM	1884	1873	1842	1806	1772	1743	1716	1685	-	-	-
MEDIUM	WATTS	657	650	659	677	696	714	729	741	752	767	-
	CFM	2052	2056	2035	2002	1967	1935	1907	1878	1841	1783	-
HIGH	WATTS	-	780	790	802	816	831	846	860	870	874	-
	CFM	-	2184	2151	2128	2103	2069	2030	1994	1979	2012	-

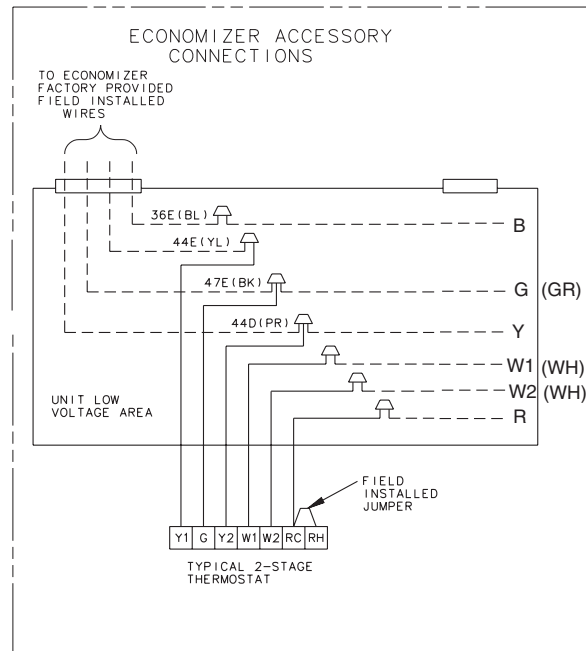
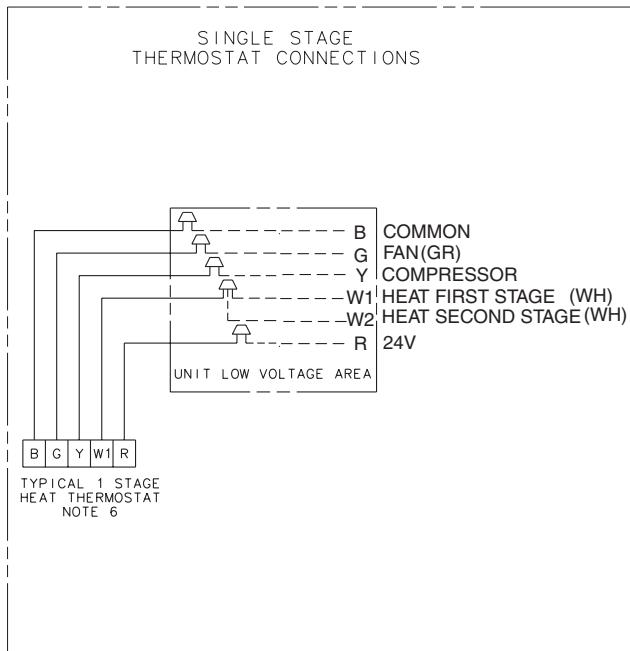
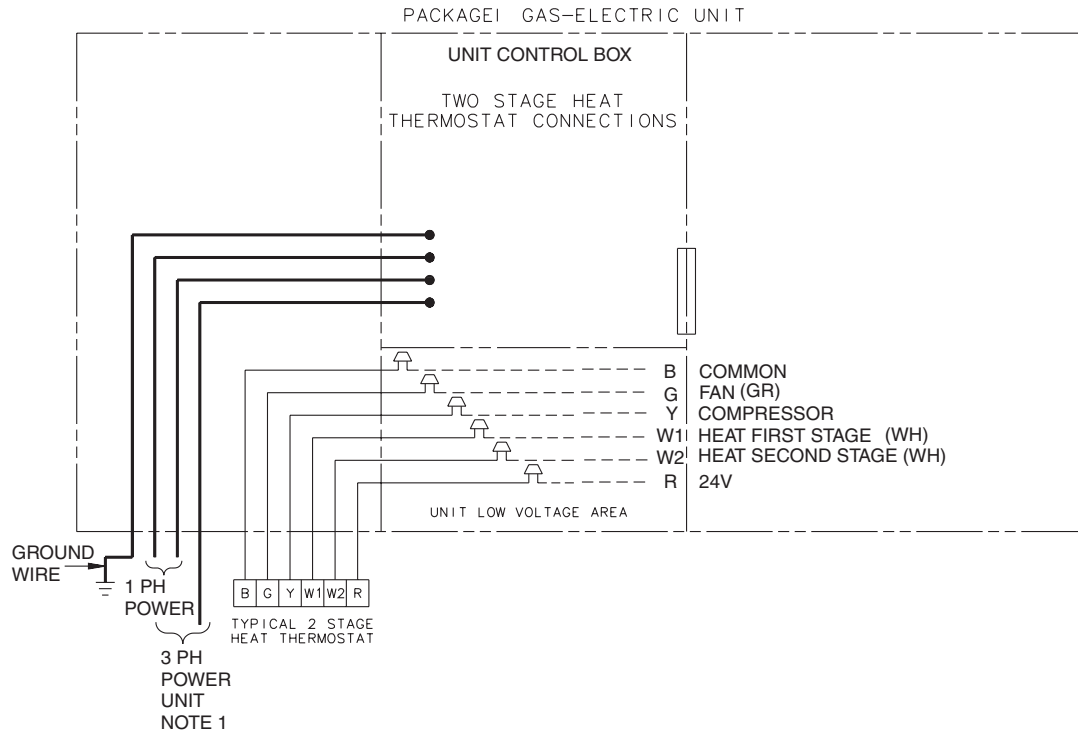
Down Airflow

2/4YC*3060A1-DOWN		EXTERNAL STATIC PRESSURE (IN. WG)										
MOTOR SPEED		0.0	0.1	0.2	0.3	0.4	0.5	0.6	0.7	0.8	0.9	1.0
LOW	WATTS	499	511	525	540	553	565	578	593	-	-	-
	CFM	1873	1850	1816	1779	1742	1709	1676	1639	-	-	-
MEDIUM	WATTS	661	670	684	698	712	725	737	749	764	785	-
	CFM	2071	2034	2001	1970	1941	1912	1881	1844	1799	1740	-
HIGH	WATTS	-	800	819	826	834	848	866	875	859	790	-
	CFM	-	2158	2123	2092	2063	2034	2000	1961	1911	1849	-

AFUE Ratings

2/4YCC AFUE Ratings
All YCC3018A through YCC3060A units are rated at 80.0 AFUE with the following exceptions:
4YCC3018A1040 is rated at 79.8 AFUE
2YCC3030A1075 is rated at 79.4 AFUE

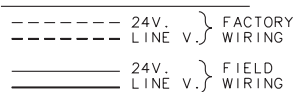
Typical Field Wiring



NOTES:

1. FUSED DISCONNECT SIZE, POWER WIRING AND GROUNDING OF EQUIPMENT MUST COMPLY WITH CODES.
2. BE SURE POWER SUPPLY AGREES WITH EQUIPMENT AND HEATER NAMEPLATE.
3. LOW VOLTAGE WIRING TO BE 18 AWG MINIMUM CONDUCTOR.
4. SEE UNIT DIAGRAM FOR ELECTRICAL CONNECTION DETAILS.
5. THE THERMOSTAT ON THE GAS/ELECTRIC UNIT MUST PROVIDE A 'G' SIGNAL IN THE COOLING MODE ONLY. DURING THE HEATING MODE THE FAN WILL BE ENERGIZED BY THE SYSTEM.
6. FOR SINGLE STAGE THERMOSTATS JUMPER W1 AND W2 TOGETHER. SECOND STAGE HEAT WILL BEGIN 10 MINUTES AFTER FIRST STAGE.

INTER-COMPONENT WIRING



WIRE COLOR DESIGNATION			
ABBR	COLOR	ABBR	COLOR
BK	BLACK	PR	PURPLE
BL	BLUE	RD	RED
BR	BROWN	WH	WHITE
GR	GREEN	YL	YELLOW
OR	ORANGE		

Typical Wiring



NOTES:

1. CONNECTIONS SHOWN ARE FOR A TYPICAL THERMOSTAT. SEE SCHEMATIC SUPPLIED WITH THERMOSTAT FOR PROPER CONNECTIONS. LOW VOLTAGE WIRING TO UNIT MAY BE NEC CLASS 2 AND MUST BE A MIN. OF 18 A.W.G. SET THERMOSTAT HEAT ANTICIPATOR TO .3 AMPS.
2. MAXIMUM ADDITIONAL EXTERNAL LOAD (PILOT DUTY) BETWEEN "B" AND "R" OF 0.5 AMPS. 24 VAC IS AVAILABLE IN THE COOLING MODE ONLY.
3. FOR 208 VOLT OPERATION MAKE THE FOLLOWING WIRING CHANGES:
 - A: AT TNS1 REMOVE 1A(RD) WIRE AND CONNECT TO 208V TERMINAL ON TRANSFORMER.
 - B: AT IDM, MOVE 2B(BK) LEAD FROM 230V MOTOR TERMINAL TO 208V MOTOR TERMINAL.
4. IF ANY OF THE ORIGINAL WIRE AS SUPPLIED IN THIS UNIT MUST BE REPLACED, REPLACE IT WITH APPLIANCE WIRING MATERIAL RATED AT 105° C.

WIRE COLOR DESIGNATION			
ABBR	COLOR	ABBR	COLOR
BK	BLACK	PR	PURPLE
BL	BLUE	RD	RED
BR	BROWN	WH	WHITE
GR	GREEN	YL	YELLOW
OR	ORANGE	GY	GRAY

DEVICE	DESCRIPTION	LINE
CC	COMPRESSOR CONTACTOR COIL	50
CF1	OUTDOOR FAN CAPACITOR	17
CN	CONNECTOR OR WIRE NUT	
CFM	COMBUSTION FAN MOTOR	27
CPR	COMPRESSOR	15
CR	COMPRESSOR RUN CAPACITOR	15
CS	COMPRESSOR START CAPACITOR	11
CSR	COMPRESSOR START RELAY COIL	11
FD	FLAME DETECTOR	44
RO	ROLLOUT LIMIT	40
GV	GAS VALVE	35
IDM	INDOOR FAN 1	
IGN	IGNITION COIL	
IOL	INTERNAL OVERLOAD	
IP	IGNITOR PROBE	45
LED	IGN DIAGNOSTICS INDICATOR	40
ODM	OUTDOOR FAN MOTOR	20
PP	POLARIZED PLUG	36-44
PS	PRESSURE SWITCH	40
TCO	TEMPERATURE LIMIT SWITCH	40
TNS1	CONTROL POWER TRANSFORMER	32
FU	FUSE	42
HPCO	HIGH PRESSURE SWITCH	50
LPCO	LOW PRESSURE SWITCH	50

D757586P01

Typical Wiring

CAUTION-NOT SUITABLE FOR USE ON SYSTEMS EXCEEDING 150 VOLTS TO GROUND.
ATTENTION: NE CONVIENT PAS POUR LES INSTALLATIONS DE PLUS DE 150V. A TERRE.

UNIT FACTORY WIRED FOR 230V
SEE WIRING DIAGRAM NOTES FOR REQUIRED WIRING CHANGES WHEN INSTALLED ON A 208V POWER SUPPLY.

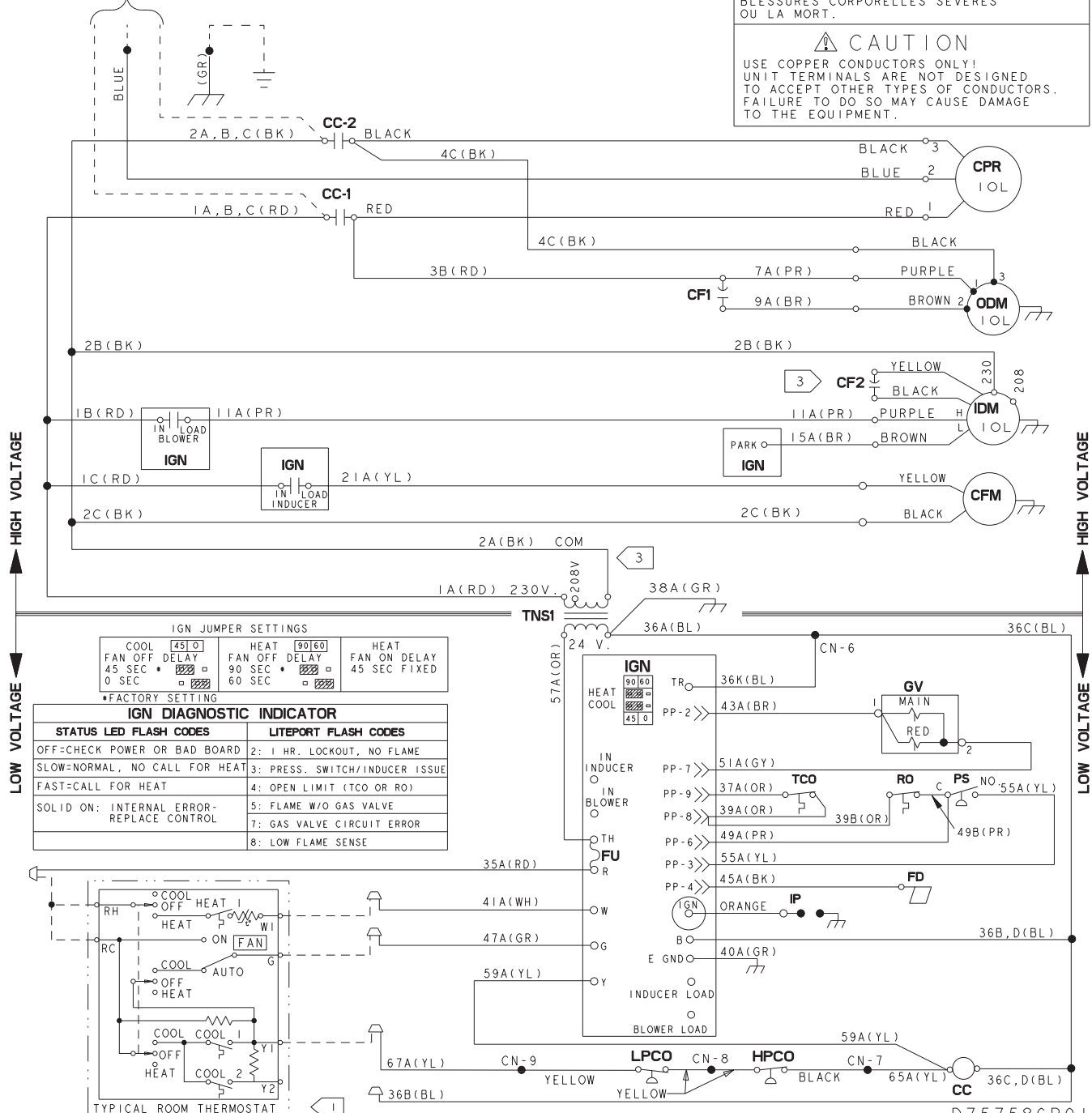
POWER SUPPLY PER LOCAL CODES
SEE NAMEPLATE FOR LINE VOLTAGE.

MODELS
4YC*3036A3

WARNING
HAZARDOUS VOLTAGE!
DISCONNECT ALL ELECTRIC POWER INCLUDING REMOTE DISCONNECTS BEFORE SERVICING.
FAILURE TO DISCONNECT POWER SUPPLY BEFORE SERVICING CAN CAUSE SEVERE PERSONAL INJURY OR DEATH.

AVERTISSEMENT
VOLTAGE HASARDEUX!
DECONNECTEZ TOUTES LES SOURCES ELECTRIQUES INCLUANT LES DISJONCTEURS SITUES A DISTANCE AVANT D'EFFECTUER L'ENTRETIEN. FAUTE DE DECONNECTER LA SOURCE ELECTRIQUE AVANT D'EFFECTUER L'ENTRETIEN PEUT ENTRAINDER DES BLESSURES CORPORELLES SEVERES OU LA MORT.

CAUTION
USE COPPER CONDUCTORS ONLY!
UNIT TERMINALS ARE NOT DESIGNED TO ACCEPT OTHER TYPES OF CONDUCTORS.
FAILURE TO DO SO MAY CAUSE DAMAGE TO THE EQUIPMENT.

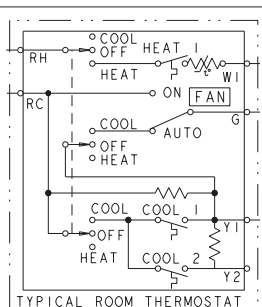


IGN JUMPER SETTINGS

COOL FAN OFF DELAY	HEAT FAN OFF DELAY	HEAT FAN ON DELAY
45 SEC	90 SEC	45 SEC FIXED
0 SEC	60 SEC	

*FACTORY SETTING

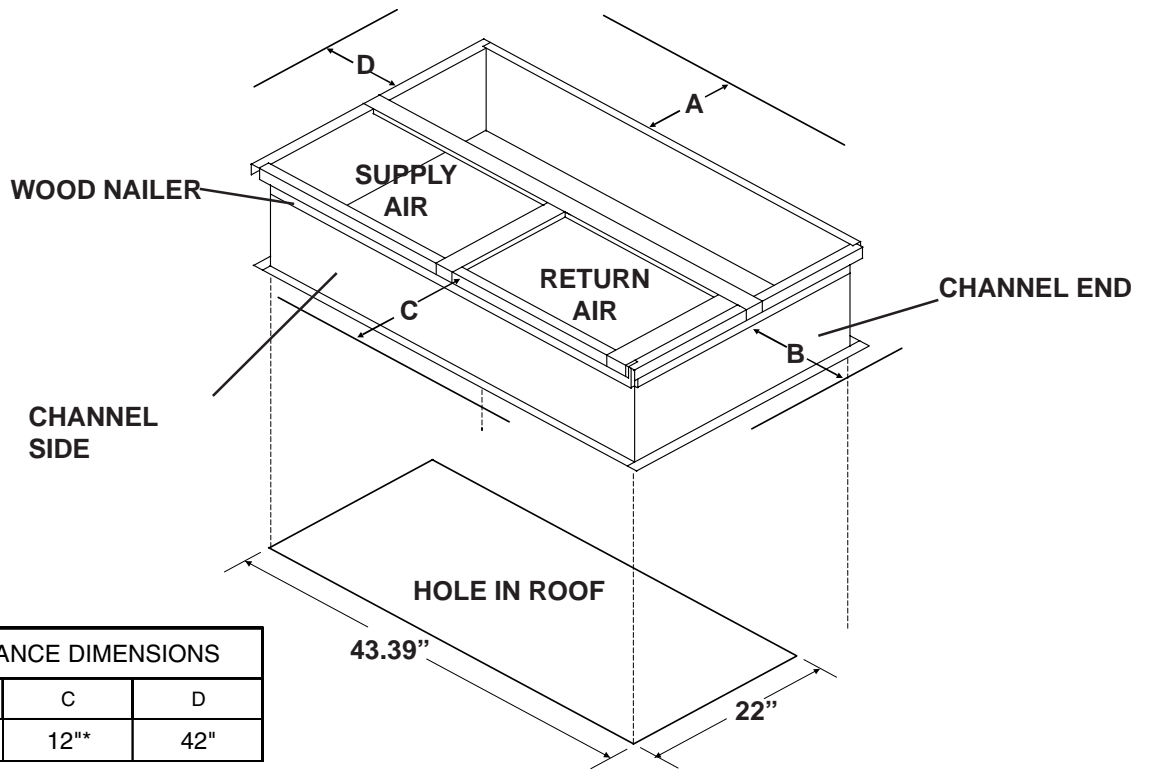
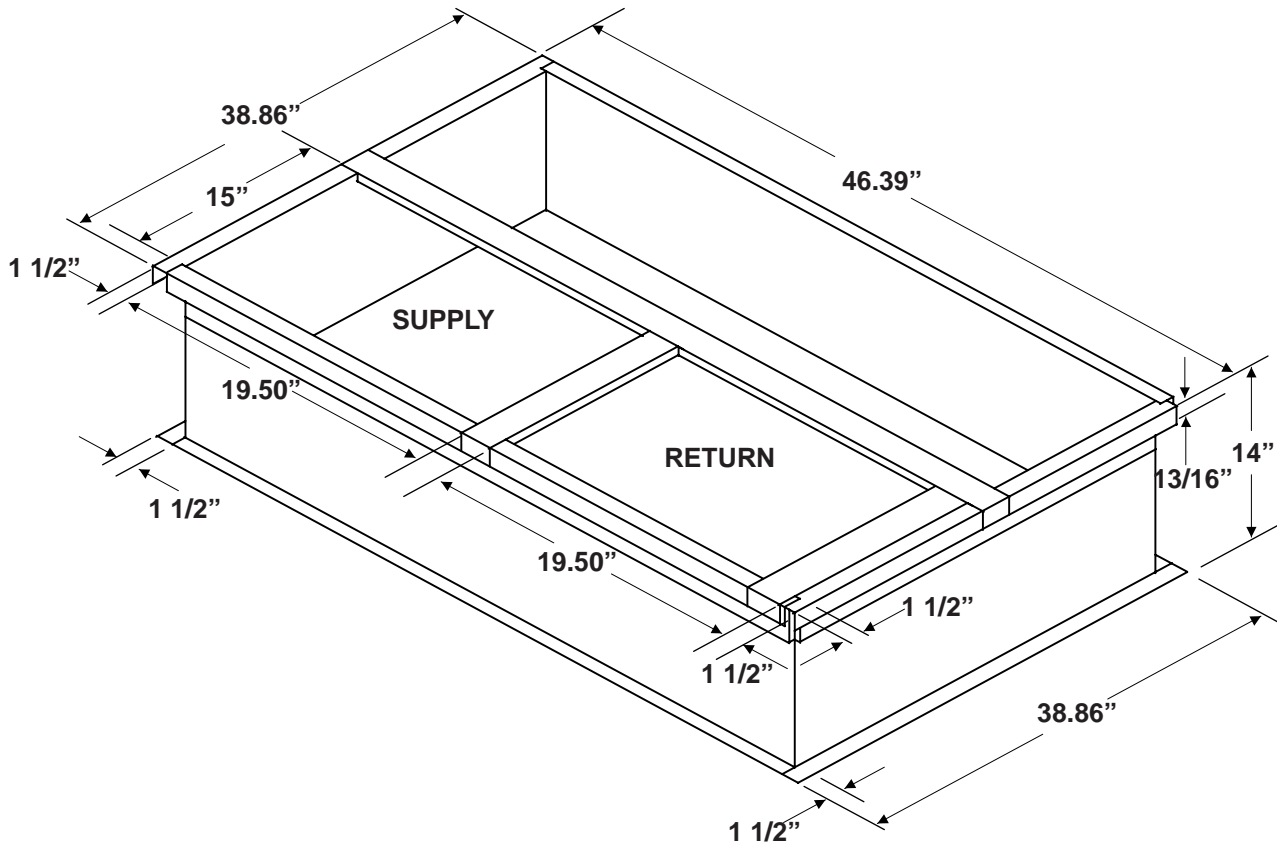
IGN DIAGNOSTIC INDICATOR	
STATUS LED FLASH CODES	LITEPORT FLASH CODES
OFF-CHECK POWER OR BAD BOARD	2: 1 HR. LOCKOUT, NO FLAME
SLOW-NORMAL, NO CALL FOR HEAT	3: PRESS. SWITCH/INDUCER ISSUE
FAST-CALL FOR HEAT	4: OPEN LIMIT (TCO OR RO)
SOLID ON: INTERNAL ERROR-REPLACE CONTROL	5: FLAME W/O GAS VALVE
	7: GAS VALVE CIRCUIT ERROR
	8: LOW FLAME SENSE



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Optional Equipment

BAYCURB050A FULL PERIMETER ROOF MOUNTING CURB FOR *****018-036A



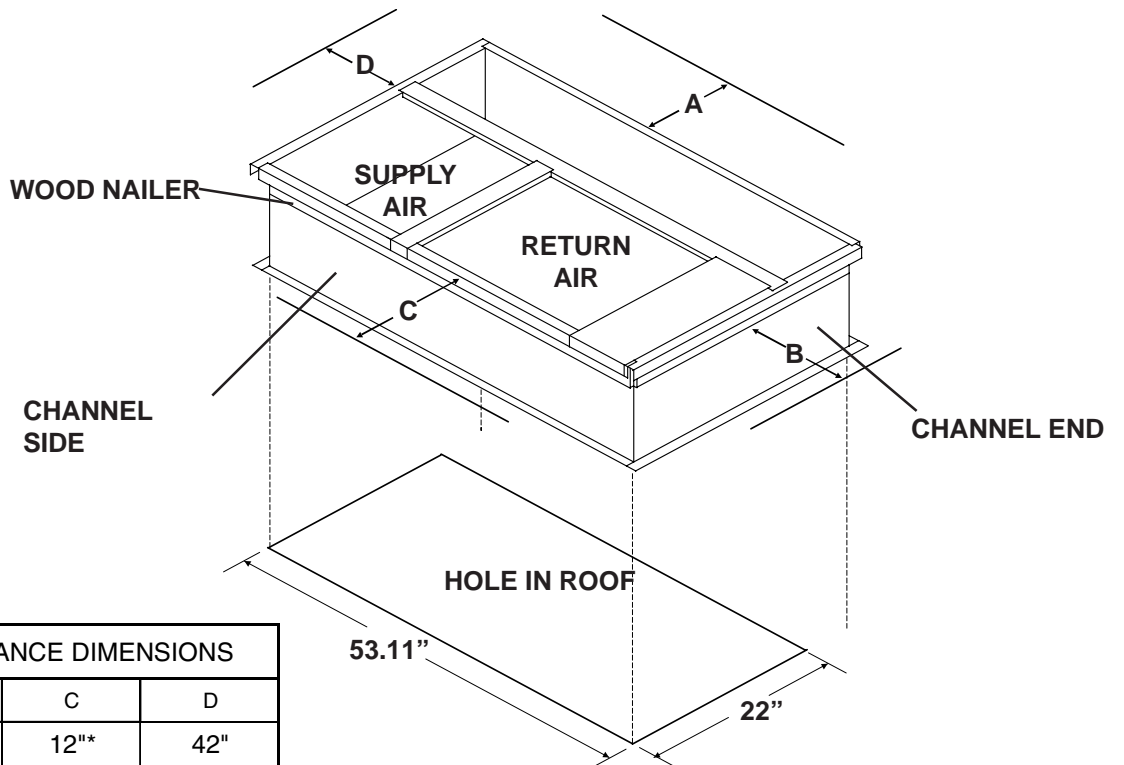
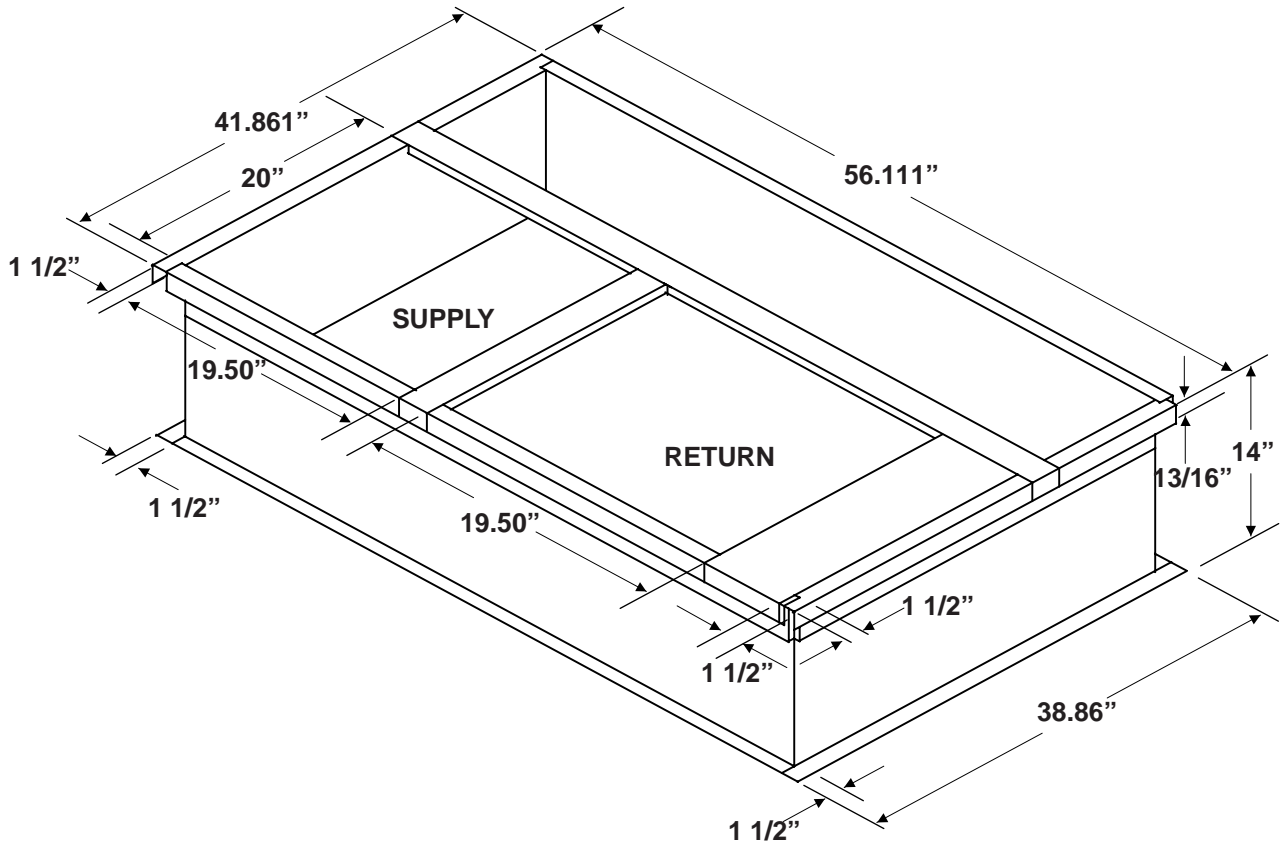
SERVICE CLEARANCE DIMENSIONS			
A	B	C	D
42"	36"	12"*	42"

*42" WITH ECONOMIZER
WITH 25% FRESH AIR ACCESSORY

BAYCURB050A

Optional Equipment

BAYCURB051A Full Perimeter Roof Mounting Curb for *****042-060A



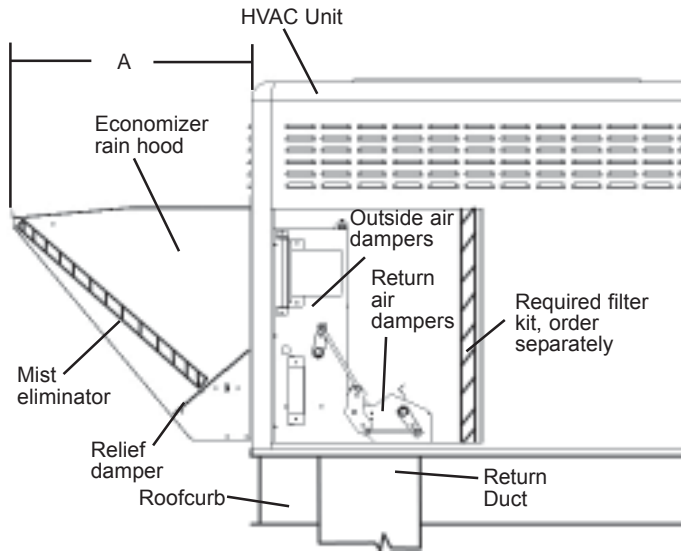
SERVICE CLEARANCE DIMENSIONS			
A	B	C	D
42"	36"	12"*	42"

*42" WITH ECONOMIZER
WITH 25% FRESH AIR ACCESSORY

BAYCURB051A

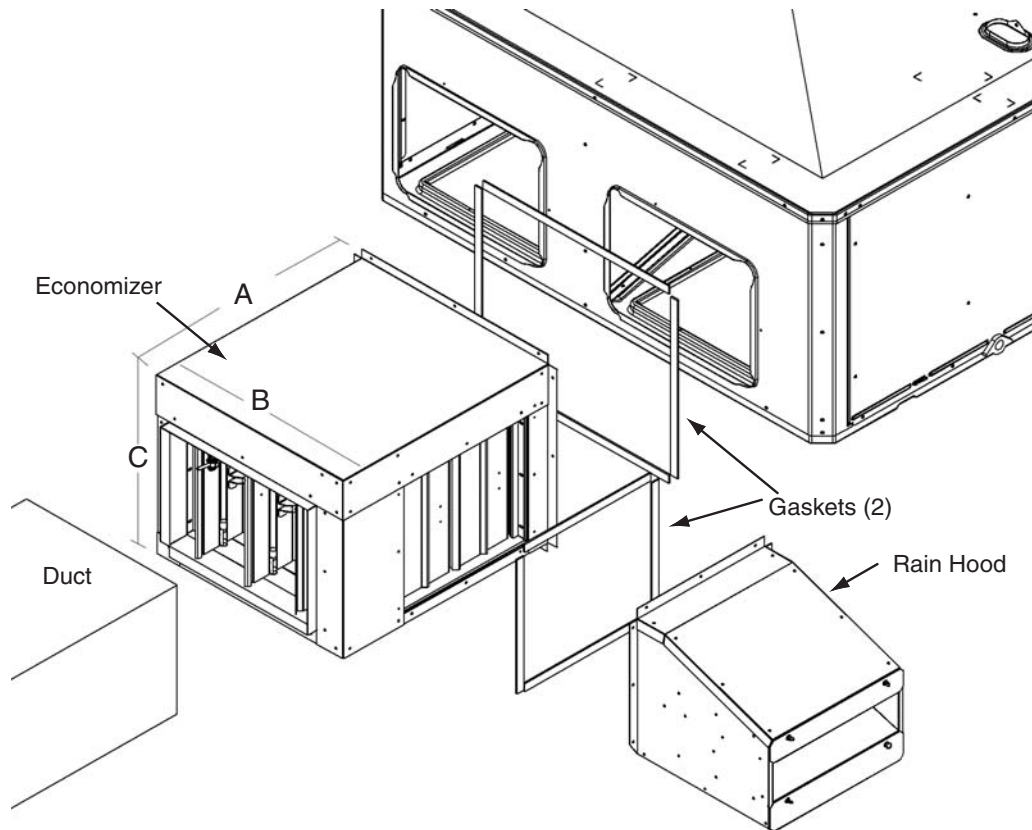
Optional Equipment

BAYECON101,102A Down Discharge Economizer and Rain Hood (Mounts Over Horizontal Return Air Opening)



Economizer	Unit Application Models	A
BAYECON101A	2/4YC,WC3018-036A 4TC*3018-036A	20.125"
BAYECON102A	2/4YC,WC3042-060A 4TC*3042-060A	24.375"

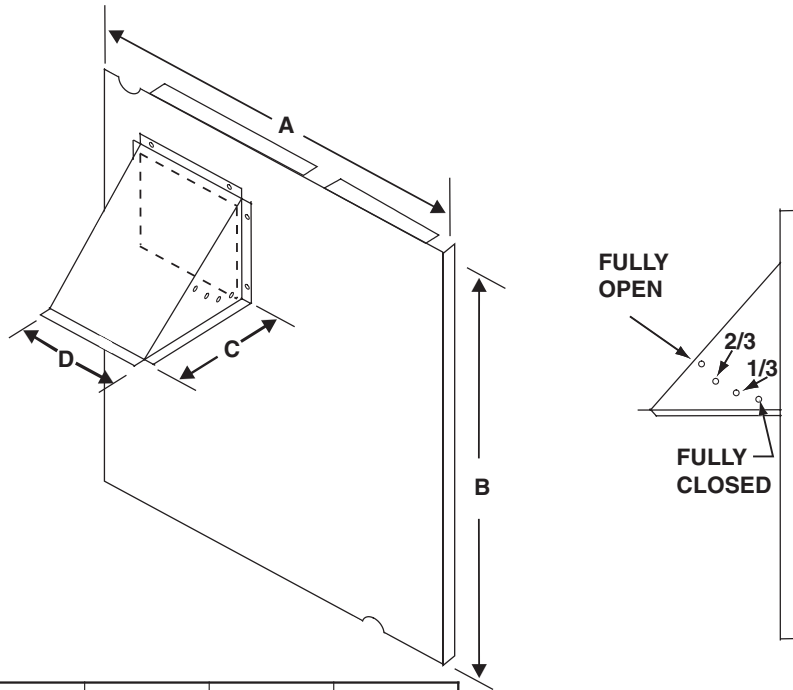
BAYCON200,201A Horizontal Economizer and Rain Hood



Economizer	Unit Application Models	A	B	C
BAYECON200AA	2/4YC,WC3018-036A 4TC*3018-036A	22.00"	20.00"	16.87"
BAYECON201AA	2/4YC,WC3042-060A 4TC*3042-060A	24.00"	22.65"	19.00"

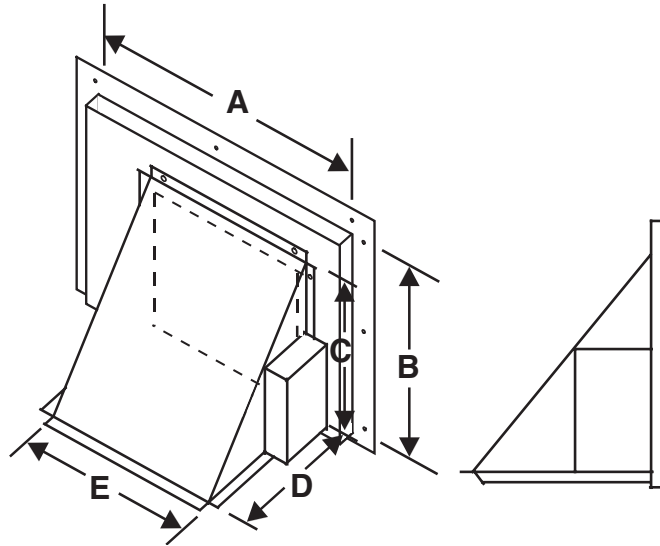
Optional Equipment

BAYOSAH001,002A, 25% Outside Air Damper (Replaces Filter/Coil Access Panel)



Manual Fresh Air Model	Unit Application Models	A	B	C	D
BAYOSAH001	2/4YC,WC3018-036A 4TC*3018-036A	22 7/16"	20 11/16"	12 3/8"	9 3/16"
BAYOSAH002	2/4YC,WC3042-060A 4TC*3042-060A	25 3/16"	20 11/16"	12 3/8"	9 3/16"

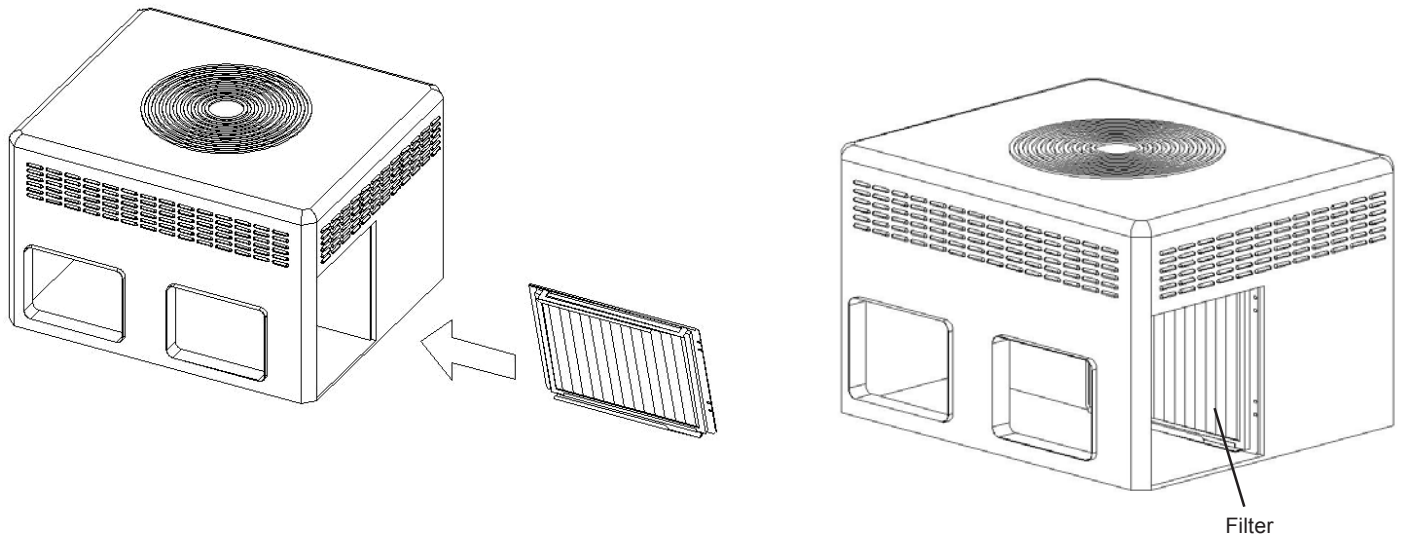
BAYDMPR101,102A, 25% Motorized Outside Air Damper (Mounts Over Horizontal Return Air Opening)



	Unit Application Models	A	B	C	D	E
BAYDMPR101A	2/4YC,WC3018-036A 4TC3018-036A	15 13/16"	11 13/16"	10 1/4"	11 1/2"	12 1/4"
BAYDMPR102A	2/4YC,WC3042-060A 4TC3042-060A	18 3/16"	15 1/8"	10 1/4"	11 1/2"	12 1/4"

Optional Equipment

**BAYFLTR101, 201A, 1" - 2" Filter Rack
(Mounts in Filter/Coil Section)**



Dimensional Data and Weights

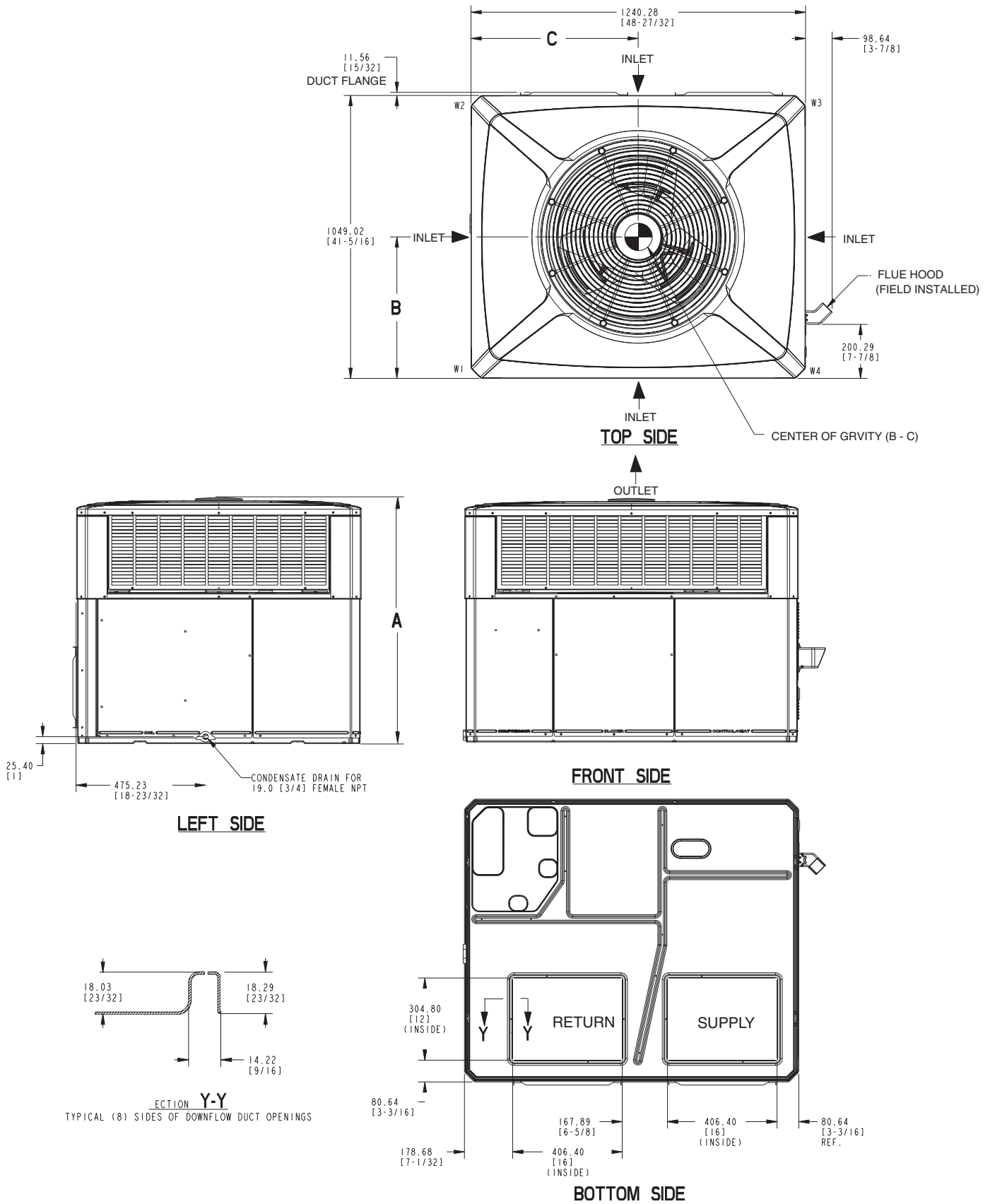
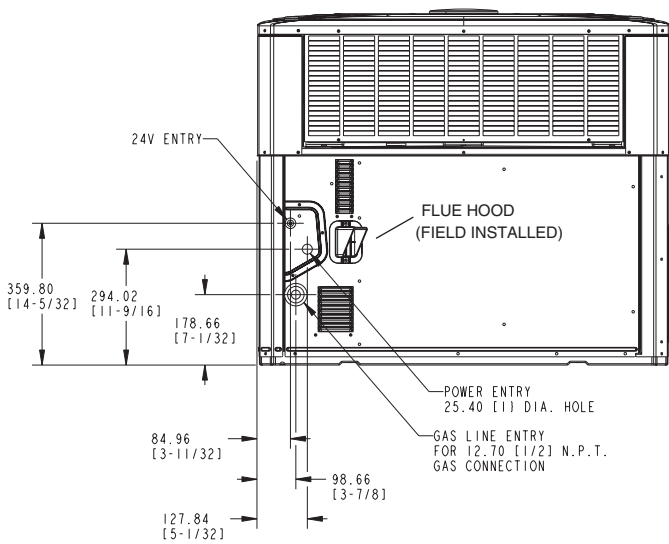
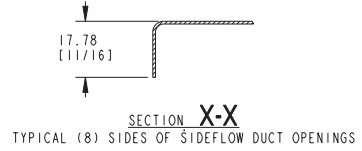


Figure 1. YCC3018A through YCC3036A (1 of 2)

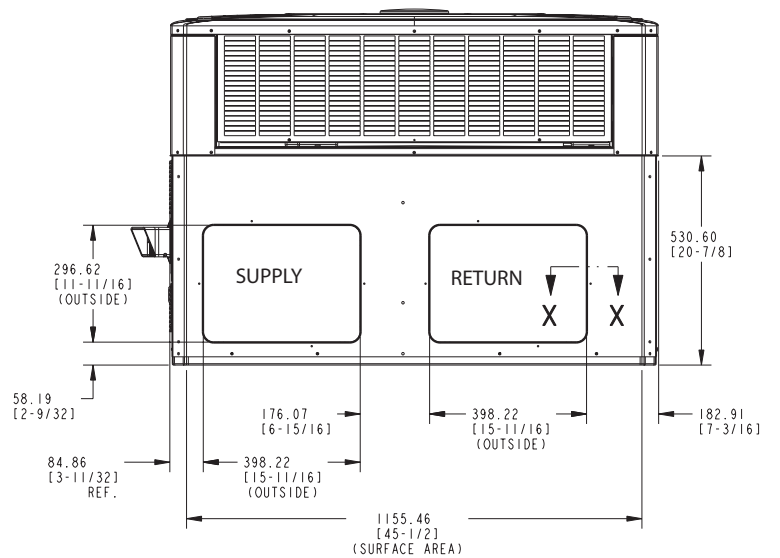
Dimensional Data and Weights

RECOMMENDED SERVICE CLEARANCE			
		WITH ECONOMIZER	WITH 2 POS. DAMPER
BACK SIDE	304.8 (12)	-	609.6 (24)
LEFT SIDE	914.4 (36)	1066.8 (42)	-
RIGHT SIDE	1066.8 (42)	-	-
FRONT SIDE	1066.8 (42)	-	-

CLEARANCE TO COMBUSTIBLE MATERIAL	
BOTTOM	0
BACK SIDE	25.4 [1]
LEFT SIDE	152.4 [6]
RIGHT SIDE	152.4 [6]
FRONT SIDE	304.8 [12]
TOP	914.4 [36]



RIGHT SIDE



BACK SIDE

MODEL	HEIGHT A	APPROX. CORNER WEIGHT - KG/LBS				TOTAL WEIGHT KG/LBS	CENTER OF GRAVITY	
		W1	W2	W3	W4		B	C
4YCC018 (040)	903.29 [35-9/16]	37 [81]	58 [128]	46 [102]	29 [65]	170 [375]	635 [25.0]	546.1 [21.5]
2YCC024 (040)		36 [80]	58 [127]	46 [102]	29 [64]	170 [374]	635 [25.0]	546.1 [21.5]
2YCC024 (064)		37 [81]	58 [129]	49 [107]	31 [68]	175 [385]	635 [25.0]	558.8 [22.0]
2YCC030 (040)		36 [79]	57 [125]	47 [104]	30 [66]	169 [374]	635 [25.0]	558.8 [22.0]
2YCC030 (064/075)		37 [81]	58 [128]	49 [107]	31 [68]	174 [385]	635 [25.0]	558.8 [22.0]
2YCC036 (064/075)		36 [78]	59 [130]	49 [109]	30 [65]	174 [383]	647.7 [25.5]	558.8 [22.0]
2YCC036 (096)		36 [80]	60 [132]	50 [111]	30 [66]	176 [389]	647.7 [25.5]	558.8 [22.0]
4YCC036 (064/075)		36 [80]	61 [133]	51 [111]	30 [67]	178 [392]	647.7 [25.5]	558.8 [22.0]
4YCC036 (096)		37 [81]	61 [135]	51 [113]	31 [68]	180 [397]	647.7 [25.5]	558.8 [22.0]

Figure 2. YCC3018A through YCC3036A (2 of 2)

Dimensional Data and Weights

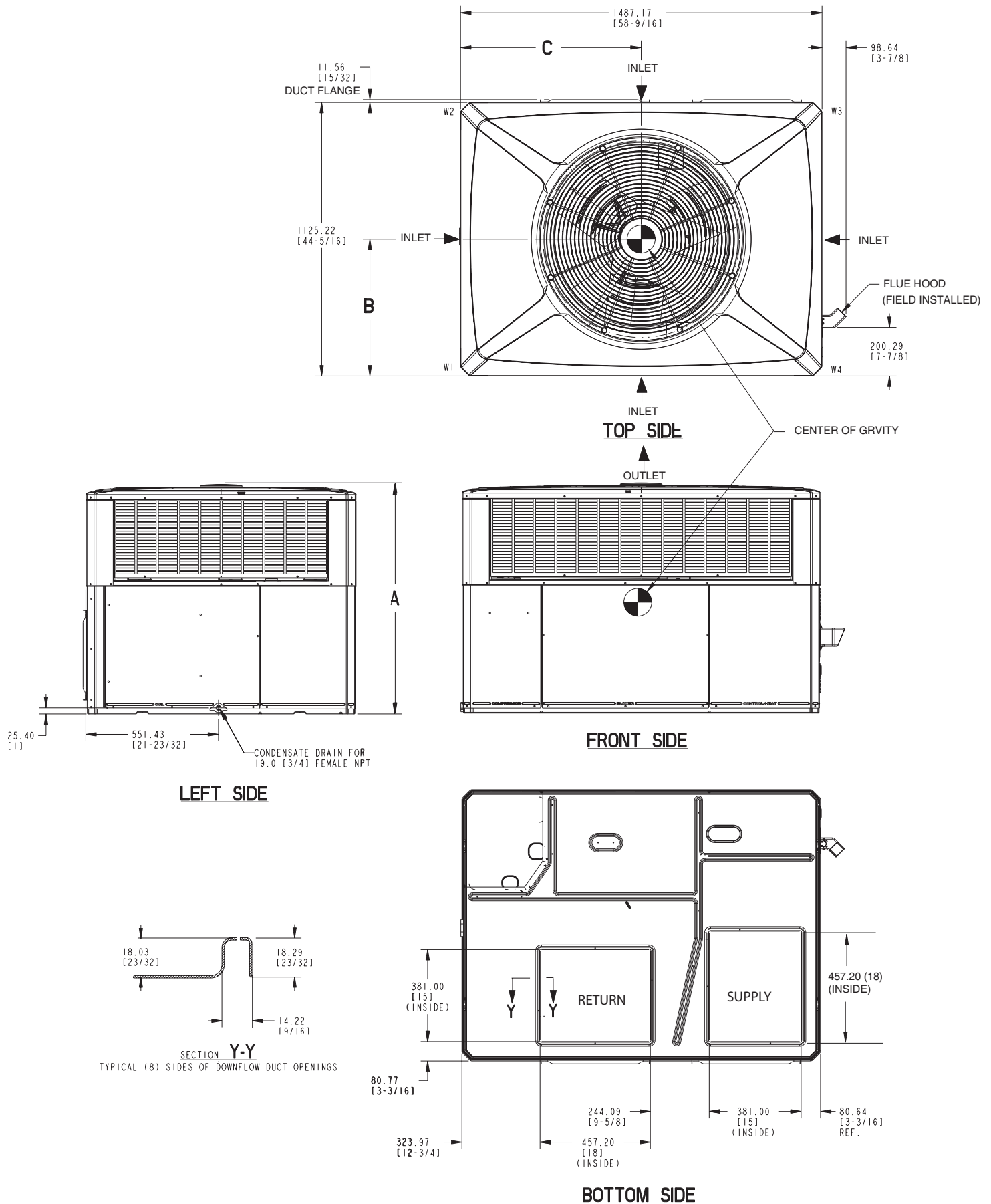
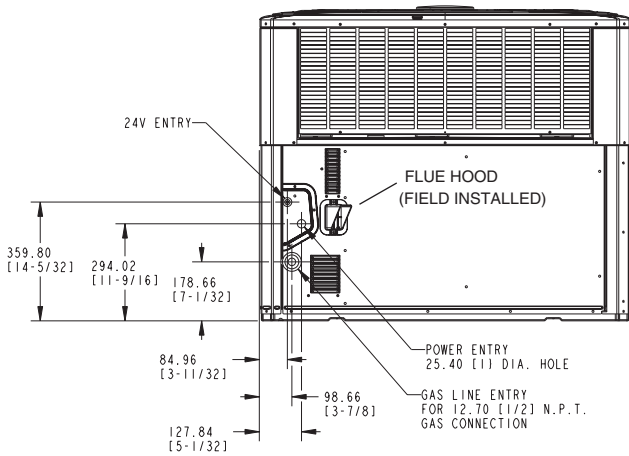
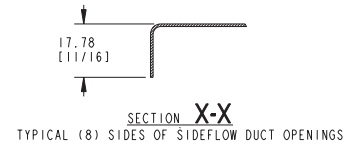


Figure 3. YCC3042A through YCC3060A (1 of 2)

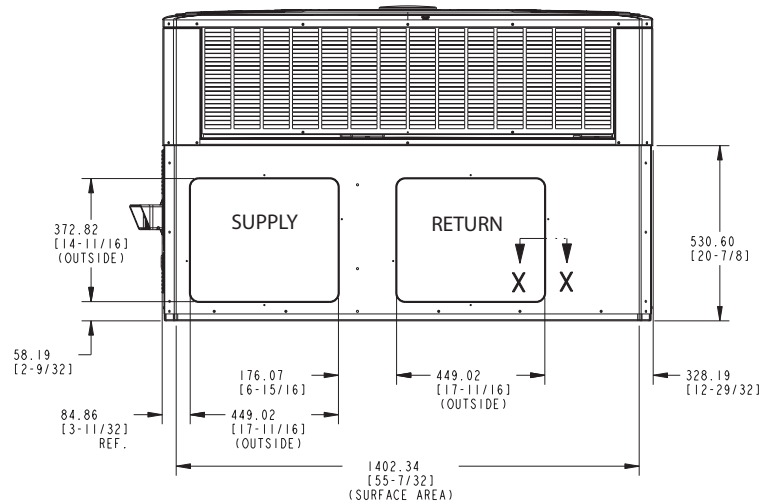
Dimensional Data and Weights

RECOMMENDED SERVICE CLEARANCE			
		WITH ECONOMIZER	WITH 2 POS. DAMPER
BACK SIDE	304.8 (12)	-	609.6 (24)
LEFT SIDE	914.4 (36)	1066.8 (42)	-
RIGHT SIDE	1066.8 (42)	-	-
FRONT SIDE	1066.8 (42)	-	-

CLEARANCE TO COMBUSTIBLE MATERIAL	
BOTTOM	0
BACK SIDE	25.4 (1)
LEFT SIDE	152.4 (6)
RIGHT SIDE	152.4 (6)
FRONT SIDE	304.8 (12)
TOP	914.4 (36)



RIGHT SIDE



BACK SIDE

MODEL	HEIGHT	APPROX. CORNER WEIGHT - KG/LBS				TOTAL WEIGHT KG/LBS	CENTER OF GRAVITY	
		W1	W2	W3	W4		B	C
2YCC042 (064)	954.10 [37-9/16]	45 [99]	67 [149]	61 [134]	41 [89]	214 [471]	668.02 [26.3]	698.5 [27.5]
2YCC042 (075)		45 [99]	67 [149]	61 [134]	41 [89]	214 [471]	668.02 [26.3]	698.5 [27.5]
2YCC042 (096)		46 [101]	69 [151]	62 [136]	41 [91]	217 [479]	668.02 [26.3]	698.5 [27.5]
2YCC048 (075)		51 [111]	76 [167]	68 [150]	45 [100]	239 [528]	668.02 [26.3]	698.5 [27.5]
2YCC048 (096)	954.10 [37-9/16]	51 [113]	77 [169]	69 [152]	45 [102]	243 [535]	668.02 [26.3]	698.5 [27.5]
2YCC048 (120)		52 [114]	77 [171]	70 [154]	47 [103]	245 [541]	668.02 [26.3]	698.5 [27.5]
4YCC048 (075)		49 [109]	74 [163]	67 [147]	45 [98]	235 [517]	668.02 [26.3]	698.5 [27.5]
4YCC048 (096)		50 [111]	75 [166]	68 [149]	45 [100]	238 [525]	668.02 [26.3]	698.5 [27.5]
4YCC048 (120)	1055.70 [41-9/16]	51 [112]	76 [167]	68 [151]	46 [101]	241 [531]	668.02 [26.3]	698.5 [27.5]
2YCC060 (096)		47 [103]	83 [120]	77 [170]	43 [96]	249 [550]	711.2 [28.0]	711.2 [28.0]
2YCC060 (120)		47 [104]	83 [184]	78 [171]	44 [97]	252 [556]	711.2 [28.0]	711.2 [28.0]
4YCC060 (096)		1004.90 [39-9/16]	46 [101]	81 [179]	76 [167]	43 [94]	246 [542]	711.2 [28.0]
4YCC060 (120)	1004.90 [39-9/16]	46 [102]	82 [181]	77 [169]	43 [95]	249 [548]	711.2 [28.0]	711.2 [28.0]

Figure 4. YCC3042A through YCC3060A (2 of 2)

Mechanical Specifications

General

All units shall be factory assembled, piped, internally wired and fully charged with refrigerant. All units shall be designed to operate at outdoor ambient temperatures as high as 115°F. Cooling capacities shall be rated in accordance with A.R.I. standards. The YC heating/cooling unit design is UL listed, specifically for outdoor applications using natural gas or propane. All units shall be designed for outdoor rooftop or ground level installation. Unit casing is constructed of heavy gauge, galvanized steel and painted with a weather-resistant powder paint.

Shipped for horizontal application, convertible to downflow.

Casings

All panels shall be heavy gauge steel, gasketed and insulated. Foil-faced fiber insulation shall be in the heat exchanger section. Foil-faced insulation shall be in the evaporator section. Base pan shall be heavy gauge steel. **WEATHERGUARD™** exterior corrosion resistant screws shall be used for added resistance to rust and corrosion.

Controls

Refrigeration cycle controls shall include condenser fan, evaporator fan and compressor contactors. Compressors shall be equipped with a combination internal winding thermostat/current overload. Internal high pressure relief shall also be provided.

Refrigeration System

Compressors —

The Climatuff® compressor features internal over temperature and pressure protector, total dipped hermetic motor. Other features include: roto lock suction and discharge refrigeration connections, centrifugal oil pump, and low vibration and noise.

Evaporator Coil — Internally enhanced 3/8-inch OD seamless copper tubing mechanically bonded to aluminum fins, factory pressure and leak tested at 250 to 300 psig. All units have TXV to control refrigeration flow.

Condenser Coil —

The Spine Fin™ condenser coil shall be continuously wrapped, corrosion resistant all aluminum with minimum brazed joints. This coil is 3/8 inch O.D. seamless aluminum tubing glued to a continuous aluminum fin. Coils are lab tested to withstand 2,000 pounds of pressure per square inch. The outdoor coil provides low airflow resistance and efficient heat transfer. The coil is protected on all four sides by louvered panels.

Indoor Air Fan — Direct-drive, forward-curved, centrifugal wheel in a Composite Vortica® Blower housing. Motor shall have thermal overload protection. Permanently lubricated motor bearings. Motor/blower assembly isolated from unit with rubber mounts.

Condenser Fan — Direct-drive, draw thru propeller type. Weather-proofed permanent split capacitor fan motor shall have built-in thermal overload and permanently lubricated motor bearings.

Low Ambient — Standard refrigerant system operation down to 55°F. Low ambient accessory required for operation to 0°F ambient condition.

Heating System

Gas-Fired Heating Section — Models shall provide completely assembled, wired and piped gas fired heating systems within unit. Design certified by UL, specifically for outdoor application. Threaded gas connection on the unit.

Electronic Ignition System — Main burner is lit each time thermostat calls for heat. Flame sensor proves flame and keeps the main burners on. Should a loss of flame occur, the main valve closes and the spark recurs within 0.8 second. When thermostat is satisfied, main burner is extinguished.

Forced Combustion Blower — Insures flame stability under varying wind conditions. Gives higher combustion efficiency and location flexibility.

Heat Exchanger — stainless steel tubes. Free floating design.

Burners — stainless steel. Multi-port inshot.

Downflow Accessories (U.S. Domestic Models)

Roof Curb — The roof curb shall be designed to mate with the unit and provide support and complete weather-tight installation when properly installed. Curb shall ship knocked down for field assembly, and include wood nailer strips.

Economizer

Modulating Economizer — This accessory shall be field installed and be composed of the following items: 0-100% fresh air damper, damper drive motor fixed dry bulb enthalpy control, and low voltage polarized plug for electrical connections. Solid state enthalpy or differential enthalpy control is optional. Economizer operations shall be controlled by the preset position of the enthalpy control. A barometric relief damper shall be standard with the economizer and provide a pressure operated damper that shall be gravity closing and prohibit entrance of outside air on equipment "off" cycle.

Manual Fresh Air Hood

Manual outside air provides a fixed outside air quantity from 0 to 25 percent. Includes hood and birdscreen.

Low Ambient Control

Control allows cycling of compressor under low ambient cooling conditions. Required for cooling operation to 0°F.

Propane Gas

Conversion Kit — For conversion from natural gas to LP gas.

